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·AND·FITCH·CO·

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ABERCROMBIE & FITCH COMPANY

ESTABLISHED 1892 **EZRA H. FITCH, President**

OUTFITTERS FOR SPORTSMEN

57 READE STREET **NEW YORK**

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FROM ONE SPORTSMAN TO ANOTHER

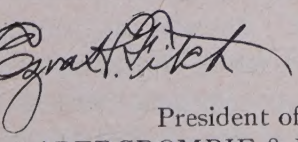
I want to say just a word or so about our goods.

Our goods are made up, not merely to sell, but to use, and each individual thing we carry is selected by us, because it is the best thing we can find for the purpose for which we suggest it. We prefer to let a need go unanswered by our catalog rather than to offer an article which is not right and practical for the purpose and well worth every cent we charge for it.

The articles we offer you in this catalog, we have PROVEN by actual use to be, not only suitable for the purpose, but the BEST for the purpose.

It costs us far more to get each new customer than we receive from the profit from his first order, and our continued existence in this business means that each sale we make brings us a continued and permanent patronage through the sheer merit of our goods.

To this end and to drive home my own personal interest in the sports dearest to you—to make clear the sentiment which underlies our every transaction—we make this offer, not as between merchant and customer, but as from one sportsman to another—**YOUR MONEY BACK WITHOUT QUESTION.**



President of
ABERCROMBIE & FITCH CO.

SECRETS OF THE WILDERNESS

Almost every explorer of note—almost every big chief of the hunters has added the invaluable lessons of his personal experience to our fund of data on the Silent Places of the World. Some of these gentlemen, for instance, Mr. Stewart Edward White and Mr. W. T. Hornaday, write most admirable and charming books of personal experience in the wilds, but usually they write of only one country, and, after all, the old world is too big a playground for any one man, or any dozen men, to penetrate all of its wild strongholds. "West is West and East is East, and never the twain shall meet," but the big Nimrods, the finders of New Places, come in to us one by one and deposit in our greedy archives the secrets of existence, the secrets of travel and camping-comfort learned by them in the remote and unknown places which they have last penetrated. One day we are told about Good Hunting up the Yukon and the Arctic fastness of Alaska, and of the hunter's actual experience in the excellencies and depravities of his camping outfit. The next day, perhaps, an Australian gun artist drops in, to tell us of a six months' stay in the Bush, and to have us make him some camp fixture or accessory necessary for a trip in that country, but in none other.

That is how and why we have grown to be the Mecca of Sportsmen throughout the world. A man who has spent months in one Wilderness has us build to his order, and after his own invention, the things he finds best suited to that soil or climate, the camp accessories needed for protection against insects, reptiles or fever. He gets us to build something which he has to have for that particular country. Then that accessory is a part of our stock, to supply other travellers in that part of the world, and we are the only people who do have it.

If the man from Australia or the man who has walked a respectable portion of the trails in India wants to penetrate the Arctic circle, he knows that his Antipodean or Tropic experiences will be nearly useless. He comes to us for information as to the outfit he will need in the frozen North and he gets it, for we know. We have reviewed, digested and tabulated the experiences of the Arctic explorers—not merely one, but nearly all of them—not merely of some Northern sections, but of every one.

Do you want to know the best guide to take you through the Everglades of Florida? We can tell you. Do you want to know just what game or what fish you may expect to find there? We can tell you. Do you want to know what equipment others have found to be the best for that trail? We can tell you.

The point of it all is that we want to tell you. We want you to write us and ask us questions about the place to which you are going. We have no end of little side lights on it

which you will be awfully glad to know about and which are not in any book. By exchanging two or three letters with us, or by coming to see us, you can eliminate many discomforts otherwise certain—you can be prepared—you can probably save a good deal of **money** by not buying what you **don't need,** and a good deal of **labor** by not carrying what you **won't use.**

You see, we are just a Clearing House for the information which the great Goodfellowship of Sportsmen, Travelers and Explorers are only too glad to pass on to others. Most of these gentlemen are personal friends of ours—and warm friends—customers sometimes—but friends always. They give us no end of valuable data. We give them what we can when they come to us for data on new places. Will you not do the same? Will you not write us or come in to see us? We may be able to give you the name of a man who is almost a neighbor of yours—lives practically next door—who has been just where you are going and wants to tell you all about it. You see, we are really not altogether unselfish about this, for if you do write us and profit by our information, you will probably send us, in your turn, some valuable material when you are back in civilization again.

CAMPING OUT.

Copyright 1910, by Ezra H. Fitch.

Those fortunate ones who are conversant with the invigorating pleasures of life in the open, need no incentive of written word to stimulate or hasten their return to the roof of blue sky and unwalled habitations nature has spread in her wild places. To the initiate, the Red Gods are always calling and they breathe the air of the abodes of men only while they must. They consider life too glorious a thing to shackle it by the twelve month to the prison routine of civilized monotony, and at the first opportunity, make for the open where one can live and know he lives with every breath, carrying with him his shelter, his food, his every necessity of living and for a time be independent of all the world beside.

However ardent a devotee of rod or gun he can never know the real boundless ecstacy which Mother Nature has in store for him till he slips away to some remote fastness, far from the beaten trails, and lives the epic hours with which so few lives are blessed, and yet which are so easy of attainment —till he tastes the one pleasure which cleans but does not cloy —which grows ever finer and bigger, ever better and more beneficial, he cannot enjoy the best in his chosen sport nor the best in himself. The city dweller who seldom or never strays

afield is heartily to be pitied. He lives but a shadow life, and it is so easy, so simple to get out in the sun and be a man. Whether in search of pleasure or health, in quest of fishing grounds or good hunting, the life in the great open, if only for a week, is so stimulating, so revivifying a thing, that the greatest physicians are constantly prescribing it to their patients as a yearly duty which cannot be shirked, evaded or even postponed.

Many who might otherwise seek the wilderness trails, think that they must give up the little luxuries of civilization which to them seem necessary through constant use. There never was a greater fallacy. Every article essential to the camper's comfort has been reduced to some form, usually in several different ways, to a size, weight and shape which makes it an integral portion of an easily carried outfit.

There are as many forms of outfits as there are modes of camping or of invading the wilderness, and it is necessary for the novice only to select a locality in order to have placed at his disposal the articles found to be best suited to that country.

We have cataloged these articles in this book. The old camper will easily find exactly those things for which he has always longed. The novice who is meditating which to select, is requested to write us telling us the place he intends to visit, the time of year, length of stay and number in his party, and we will send him a list of such outfits as have been found most satisfactory by campers in that territory. If he wishes we will suggest a place or several places, if he will advise us the sort of country or kind of sport he prefers. We print throughout the book, Department Headings, brief articles on various kinds of equipment for outdoor life.

CAMPING OUT

FIVE VARIETIES

CAMPING OUT may be divided into two classes, the Permanent Camp and the Nomadic or Traveling Camp—each with its subdivisions according to the purpose of the campers.

The **PERMANENT CAMP** may be as simple or as elaborate as the campers wish. Whole families often live in the open in perfect comfort, large parties including ladies and children being easily accommodated with all the little accessories to comfort and individual taste to which they are accustomed. Those seeking health or rest can find no sounder foundation than camp life. The style of tent usually selected for permanent camps, is the Wall Tent or Family Compartment Tent, the size and materials of this shelter being determined by the distance of the camp from the highway, the character of transportation necessary, the number in the party, the sort of country, the climate and the time of year. A camp may be made almost a permanent home, all sorts of camp furniture, chairs, hammocks, etc., being readily obtainable. The bulk of the outfit need not be seriously restricted by transportation reasons since only two trips have to be made, one in and the return trip out. Whether the camp be permanent or nomadic, the first thing to be considered is the Tent, the house, then food to be carried or taken along, the sleeping bags, fourth the cooking outfit, camp furniture, axes and other simple camp accessories. These we catalog in all their various forms under the proper headings.

The second division, the **NOMADIC OR TRAVELING CAMP,** can be classed according to the means of travel which the camper intends to employ, these means being again dependent upon the purpose he has in mind. Eliminating the special means of transportation peculiar to the different countries, such as wagon trekking in South Africa, traveling by dog sled in the far North, etc., there remain the four principal methods of forest travel, Canoe, Pack-horse, Tramping, and Cruising By Automobile.

CANOE.

In canoe transportation the choice of the outfit must be determined by, first of all, the kind of waterway to be traversed. The second consideration is the length and number of the portages or carries over land between passable waterways. Third comes the amount of duffle, or camp and personal equipment—this dependent again on the objective and the duration of the trip. The first essential is the selection of the right canoe. Lake travel calls for one model, river work another, both must be modified by the amount of equipment to be carried. On getting exactly the right canoe largely depends the success or failure of the trip from the standpoint of pleasure. We particularly pride ourselves on being specialists in this branch of sport.

Our canoes are comprehensive of all types and models which have proven best in the various localities where the paddle reigns supreme. There is a specific model for each purpose and there are sound, absolute, definite reasons why that sort of canoe and no other must be used, for that purpose. This is not the result of guess-work, but the experience of the best-known canoeists and guides. The locality for a canoe trip may be easily selected. Maps of such localities and information concerning them are furnished by Passenger Agents of Railroads and Steamship Companies. We have ourselves a vast fund of data on trips over the well-known waterways and the little frequented lake and river trails. Our customers are constantly adding to this new and most interesting matter, with which we will gladly furnish you on request.

PACK-HORSE.

Invading the wilderness by pack-horse is a method employed by thousands yearly and its range is so wide as to prevent discussion here through lack of space. Practically the entire continent is open to this form of adventure and its variations are wide in the extreme. For admirable, complete and delightful information we refer you to "CAMP AND TRAIL," by Stewart Edward White, a master of the subject, whose personal experiences are most valuable and instructive. His data on the various outfits and what Not to take is most ample. We will send you this volume, postpaid, for $1.25, or you may get it through your own book dealer for the same price.

Our pack-horse outfits are famous among Forest Travelers. Mr. White himself, and the most noted hunters and explorers, all have visited us for supplies and have themselves contributed to the extent and perfections of the articles and accessories made exclusively by us for this purpose. These are described and illustrated in subsequent pages.

TRAMPING.

Tramping may be placed in two divisions—ROAD TRAMPING and FOREST CRUISING. The former comprehends walking tours through

foreign countries as well as in this country, the traveler carrying all his baggage on his back, but stopping at the nearest hotel or inn wherever night overtakes him. This recreation is in itself a splendid sport and opens vistas of wide possibilities to those who wish to cover a country thoroughly, becoming intimately acquainted with its physical details, the habits and characteristics of its people. It is particularly popular with clergymen and college professors of whom we outfit hundreds every year for tramping tours through our own and other countries, and the pedestrian needs but his walking suit, which however, must be carefully chosen for the purpose, a change of underwear, a few toilet accessories and a waterproof garment all carried in a ruck sack, which he packs on his back. These we catalog elsewhere as well as a wide choice of garments made especially for this purpose.

FOREST CRUISING.

He who adventures into the big timber must look well to his choice of an outfit. Tent, food, sleeping bag, cooking outfit, axe and camp conveniences must be carried on his back and as an added weight comes the gun of his choice with ammunition. This weight which he must bear day after day, often through almost impassable country where the effort necessary to going forward alone is a quite sufficient strain without that of a single unnecessary ounce on his shoulders. His tent, his home, must be chosen with scrupulous care. It must be exactly right the tent for the country he will visit; a mistake may mean sickness, surely discomfort and a trip spoiled. His clothes must be the right weight and texture depending on the climate. The selection of food is a serious problem. Too much means discomfort and fatigue—too little means hunger, perhaps privation. We solicit correspondence on this subject. The fisherman has similar problems which interest us equally as much. We catalog light, convenient and easily carried articles of camp equipment, for one or more persons for various lengths of time, and the best forms of clothing for forest travel.

AUTOMOBILE CAMPING.

This is the very newest out-of-door sport and the complete outfits of its originators were designed and built by us. We catalog automobile tents, sleeping bags, cooking outfits, food outfits, in a word, complete automobile camping outfits which will enable the owner of a touring car to take a party for a trip completely across the continent without being dependent on hotels or even stores for accommodation or food supply. It is a splendid sport and the mobility of the motor car gives a marvelous travel range to those who engage in it.

We will mail, upon request, a booklet "Trekking By Automobile," by Ezra H. Fitch, which will give you a comprehensive idea of the fun which it affords and the facility with which it may be enjoyed.

TENTS.

The storm-painted log cabin, rich in its soft mellow tones of gray and brown has a sympathetic attraction for the camper who contemplates a sojourn in the wilderness. It is worth its weight in picturesque beauty and vermin, artistic value and draughts, local color and mustiness, and can't be moved. The tent's the thing, the tent which gives perfect mobility and, when carefully selected, perfect comfort and absolute cleanliness.

The tent should receive the camper's first consideration at outfitting time. It is the home, the base of operations and on it depends the success or failure of the trip. A leaky tent or an unnecessarily heavy tent may utterly spoil a trip, otherwise ideal.

The best material for light-weight waterproof tents that money can buy is "TANALITE," exclusively our own, sold by no one else, made by us and subjected for the past two years to the most severe tests that could be devised. We guarantee it to be absolutely waterproof. It is very light in texture, folds perfectly and has great tensile strength. "TANALITE" is treated with a process far superior to any heretofore used on waterproof tents and while this process is much more expensive the result gives us a tent that nothing else can approach, and we endorse them without qualification as the best.

"TANALITE" is a Khaki color, absolutely fast, guaranteed not to fade under any conditions and with ordinary care is both mildew and rotproof. It blends with the color scheme of the woods and plains, is less sensible than white to the glare of a strong sun, is far cooler and flies are much less troublesome.

Our Balloon Silk Tents are only excelled by the "TANALITE." Waterproofed by the new Lorentz process and guaranteed absolutely watertight. They are light, strong and durable and will give excellent satisfaction. Our Khaki tents are made of Government Standard Khaki Duck, the very highest grade, in either 8, 10 or 12 ounce weight. We do not use Khaki twill, as we find it unsatisfactory for tents.

Our Plain Duck Tents are made of Standard U. S. Army Duck, double and twist both ways, the finest and most costly grade in the market.

Our Special Waterproof makes an excellent tent at a moderate price. The material is strong and tough, lighter than duck and treated by the Lorentz waterproof process.

Tents in Green Waterproof and Rot-Proof Flax, Cotton or "Extra Light," are made to order only. The demand for these tents is very limited and we do not list them regularly. To those interested we will be pleased to forward samples and prices of these, together with any of our other materials.

WE WILL GLADLY FURNISH ESTIMATE ON ANY STYLE TENT BUILT ON SPECIFICATIONS AND DESIGNS FURNISHED BY CUSTOMER.

HOW WE MAKE OUR TENTS.

We are the largest manufacturers of fine hand-finished tents in the world.

Naturally, we did not attain this position without much experimenting, careful study, wide research and ceaseless painstaking effort. Countless models of tents and designs were tried out and discarded as impracticable. Many and various methods of making were employed in order to determine the best. Cloths of every known weave, texture and material which might be successfully used in tent making were tried in our experiments. To all this we added the knowledge of practical experience, gained by woodsmen, "voyageurs" and explorers of world-wide reputation, and backed it up with a force of the most expert operators in the world and a model factory equipment. The result is we can and do make the claim that our tents are the very finest, the best designed and the most carefully made in the world.

SEAMS.—On all our light-weight tents we reinforce every seam with strong tape stitched in the seam. This not only makes a perfect seam, but relieves a great part of the strain from the cloth itself, consequently making the tent much stronger. For the same reason we use narrow widths or breadths of cloth and which also serves to hold the tent from sagging and stretching out of shape.

REINFORCEMENT.—All our tents are strongly reinforced with extra material at the eaves, along the bottom, across the ridge and at all corners.

EYELETS.—In none of our regular tents do we use grommets or any form of machine clamped eyelets as is customary with most makers. For the eyes on ridge and for all stops, beckets and guys we use only steel rings, galvanized to prevent rust, set in and sewed by hand with waxed thread.

SLIDES.—The old style wooden slides, usually seen on tents other than of our make, were always causing continual trouble and annoyance by splitting from the weather or breaking from strain. We have discarded them entirely and use our patented metal slide, rustproof and unbreakable (see page 48) except on "Tanalite" and Balloon Silk Tents, on which we omit them and save weight. We will, however, include them if desired without charge.

FINISHING.—Every tent after it leaves the machines goes to a separate department for finishing. Here the rings and eyelets are worked in, the beckets adjusted, guys attached and stops put in—all by hand and by most expert workmen.

INSPECTION.—Before each tent leaves the shop it is carefully gone over and thoroughly inspected for possible flaws or faulty work, measured and checked for size and material and our tag, the guarantee of quality, attached.

WATERPROOFING.—Our tents are not made up from so-called "waterproof" materials as is the custom with many other makers, but after being made up goes to our waterproofing works for this stage of manufacture. Here it is waterproofed entire by our patented process and by this method, and in this way only, are we able to thoroughly waterproof, not only the material itself, but every seam and stitch as well.

For Windows, Stove Hole, Sod Cloth, etc., see pages 44 to 49.

Copyrighted.

"TANALITE" WATERPROOF WALL TENTS.

The Lightest Made.

Khaki Color. Hand Finished.

Price includes sod cloth, tape ridge and Khaki tent bag.

For description of material and method of making, see pages 12 and 13.

SIZE Width		Depth	HEIGHT Centre	Wall	Weight	Price of Tent	Number of Stakes, Required	Ridge Pole Uprights and Stakes Extra
7⅓	x	7⅓	7 ft.	2 ft.	10 lbs.	$21.55	33	$1.30
7⅓	x	8¾	7½ "	3 "	13 "	26.50	37	1.45
8¼	x	8¾	7½ "	3 "	14 "	29.20	39	1.70
8¾	x	10¼	7½ "	3 "	16 "	30.75	43	2.00
8¾	x	11¾	7½ "	3 "	17 "	32.80	47	2.05
10¼	x	10¼	8½ "	3½ "	19 "	37.30	45	2.15
10¼	x	11¾	8½ "	3½ "	21 "	39.50	47	2.25
11¾	x	11¾	9 "	3½ "	23 "	42.70	50	2.30
11¾	x	13½	9 "	3½ "	24 "	45.80	54	2.45

A "Tanalite" Wall Tent, size 7⅓x7⅓, packs into a roll 6¼ in. in diameter, 18 in. long.

For windows and other tent extras, see pages 44 to 49.

WATERPROOF BALLOON SILK WALL TENTS.

Treated by Lorentz Process.

For description of material and method of making, see pages 12 and 13.

Price includes sod cloth, tape ridge, and Standard tent bag.

SIZE Width		SIZE Depth	HEIGHT Centre	HEIGHT Wall	Weight	Price of Tent	Number of Stakes, Required	Ridge Pole Uprights and Stakes Extra
7 1/3	x	7 1/3	7 ft.	2 ft.	10 1/2 lbs	$17.50	33	$1.30
7 1/3	x	8 3/4	7 1/2 "	3 "	13 3/4 "	22.50	37	1.45
8 3/4	x	8 3/4	7 1/2 "	3 "	14 3/4 "	24.70	39	1.70
8 3/4	x	10 1/4	7 1/2 "	3 "	16 1/2 "	26.50	43	2.00
8 3/4	x	11 3/4	7 1/2 "	3 "	17 3/4 "	27.40	47	2.05
10 1/4	x	10 1/4	8 1/2 "	3 1/2 "	20 "	31.00	45	2.15
10 1/4	x	11 3/4	8 1/2 "	3 1/2 "	22 1/4 "	33.70	49	2.25
11 3/4	x	11 3/4	9 "	3 1/2 "	24 "	35.50	50	2.30
11 3/4	x	13 1/2	9 "	3 1/2 "	25 1/2 "	38.20	54	2.45

SPECIAL WATERPROOF WALL TENTS.

Treated by Lorentz Process.

For description of material and method of making see pages 12 and 13.
Price includes Standard tent bag.

SIZE Width		SIZE Depth	HEIGHT Centre	HEIGHT Wall	Weight	Price of Tent	Number of Stakes, Required	Ridge Pole Uprights and Stakes Extra
7 1/6	x	7 1/6	7 1/2 ft.	3 ft.	17 1/2 lbs	$ 8.50	22	$1.30
7 1/6	x	9 1/2	7 1/2 "	3 "	21 "	10.75	26	1.60
9 1/2	x	11 5/6	8 1/2 "	3 1/2 "	29 1/2 "	15.25	31	1.90
9 1/2	x	14 1/4	8 1/2 "	3 1/2 "	34 "	17.15	35	2.30
11 5/6	x	11 5/6	9 1/2 "	4 "	36 1/2 "	18.40	34	2.10
11 5/6	x	14 1/4	9 1/2 "	4 "	40 "	20.25	38	2.45
11 5/6	x	16 5/8	9 1/2 "	4 "	46 "	22.45	42	2.70
14 1/4	x	16 5/8	10 1/2 "	4 1/2 "	55 "	26.50	43	2.85
14 1/4	x	18 5/6	10 1/2 "	4 1/2 "	59 "	28.70	47	4.45

For windows and other tent extras see Pages 44 to 49.

We manufacture to order tents made of Green Waterproof and Rot-Proof Flax, Green Waterproof and Rot-Proof Cotton, Green Waterproof and Rot-Proof, extra light. The demand for these tents is very limited, and for that reason we do not list them in this catalog. A full line of samples and prices mailed free upon request.

Copyrighted

KHAKI STANDARD ARMY DUCK WALL TENTS

Strongly Reinforced. Hand Finished Throughout.
Guaranteed Fast Color.

All flys made extra large to project beyond the sides of the tent.

For description of material and method of making, see pages 12 and 13.

SIZE	HEIGHT		Number of Stakes Required	Weight 8 oz. Khaki Duck	Price 8 oz. Khaki Duck	Weight 10 oz. Khaki Duck	Price 10 oz. Khaki Duck	One-Piece Ridge, Two Uprights and Stakes Extra	FLYS	
	Centre	Wall							Price 8 oz. Khaki Duck	Price 10 oz. Khaki Duck
7 x 9⅓	7½	3	26	20 lbs	$13.50	28 lbs	$17.00	$1.45	$8.50	$10.75
9⅓ x 11¾	8½	3½	31	30 "	18.25	41 "	23.80	2.00	11.65	14.45
9⅓ x 14	8½	3½	35	34 "	21.50	46 "	26.75	2.35	13.00	16.15
11¾ x 14	9½	4	38	39 "	24.70	54 "	31.50	2.40	15.70	18.40
11¾ x 16⅓	9½	4	42	44 "	28.30	61 "	35.00	2.60	17.50	21.55
14 x 16⅓	10½	4½	43	53 "	32.80	72 "	40.90	2.75	20.65	24.70
14 x 18¾	10½	4½	47	57 "	35.50	79 "	44.50	3.00	22.90	26.50

For windows and other tent extras, see pages 44 to 49.

STANDARD WALL TENTS.

Machine Finished. Brass Grommets.

Price includes guy ropes, slides, 2 uprights, ridge pole and stakes complete, ready to set up.

SIZE Width		SIZE Depth	HEIGHT Centre	HEIGHT Wall	Weight	Number of Stakes Required	Price	Price of Fly Extra
7	x	7	7	3	12 lbs.	20	$ 4.81	$ 2.29
7	x	9¼	7½	3	15½ "	24	5.62	2.83
9¼	x	9¼	7½	3	18½ "	26	6.70	3.00
9¼	x	12	7½	3	22 "	30	7.82	3.55

U. S. STANDARD ARMY DUCK WALL TENTS.

Strongly Reinforced. Hand Finished.

All flys made extra large to project beyond the sides of the tent.

For increase in height of wall or centre of tent add 5 per cent. for every 6 inches.

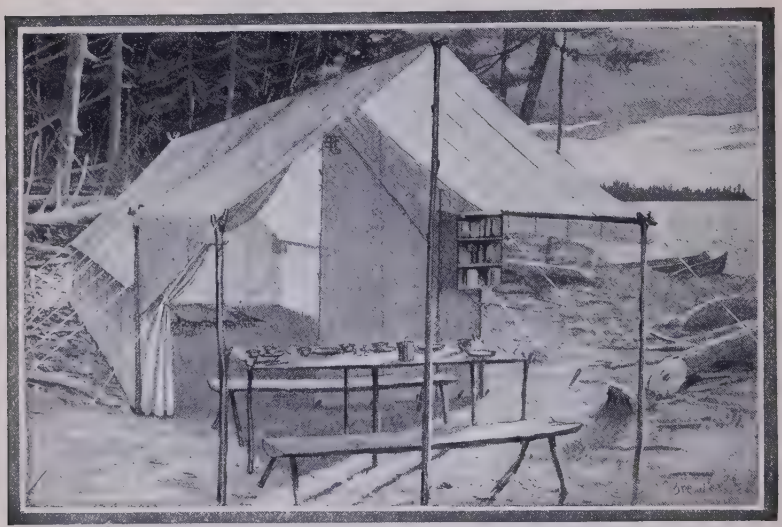
For description of material and method of making see pages 12 and 13.

Prices Include Tent with Poles, Stakes and Ropes								Prices of Flys Only.	
Size in feet			Height to Centre, ft.	Height Wall, ft.	U. S. Army Standard White Cotton Duck 8 oz.	10 oz.	12 oz.	U. S. Army Standard White Cotton Duck 8 oz.	10 oz.
7	x	7	7	2	$ 8.65	$10.15	$11.40	$ 3.45	$ 4.25
7	x	9¼	7	2	9.95	11.75	13.10	4.60	5.60
9¼	x	9¼	8	3	12.80	15.20	17.10	4.95	6.10
9¼	x	11½	8	3	14.70	17.50	21.65	6.15	7.60
11½	x	11½	9	3½	17.80	21.15	23.80	7.15	8.80
11½	x	14	9	3½	19.95	23.70	26.70	8.60	10.50
14	x	14	10	4	23.75	28.25	31.80	9.50	11.70
14	x	16¼	10	4	26.25	31.15	35.00	11.10	13.65
14	x	18½	10	4	28.70	34.10	38.35	12.70	15.55
14	x	21	10	4	31.10	36.90	40.60	14.20	17.45
16¼	x	21	10	4	33.60	39.85	44.95	15.40	18.95
16¼	x	23½	10	4	36.25	43.00	48.50	17.15	21.00
16¼	x	30	10	4	44.30	52.65	59.25	22.20	27.20
18½	x	23¼	11	4	41.00	48.75	54.80	19.35	23.75
21	x	28	12	4	56.25	66.25	74.40	26.15	32.05
21	x	40	12	4	73.15	86.25	96.70	36.90	45.35
21	x	49	12	4	86.55	102.10	114.55	45.50	55.85

For windows and other tent extras, see pages 44 to 49.

All our prices are net and as low as the best workmanship and material will allow.

We are the largest manufacturers of fine hand-finished tents in the world.



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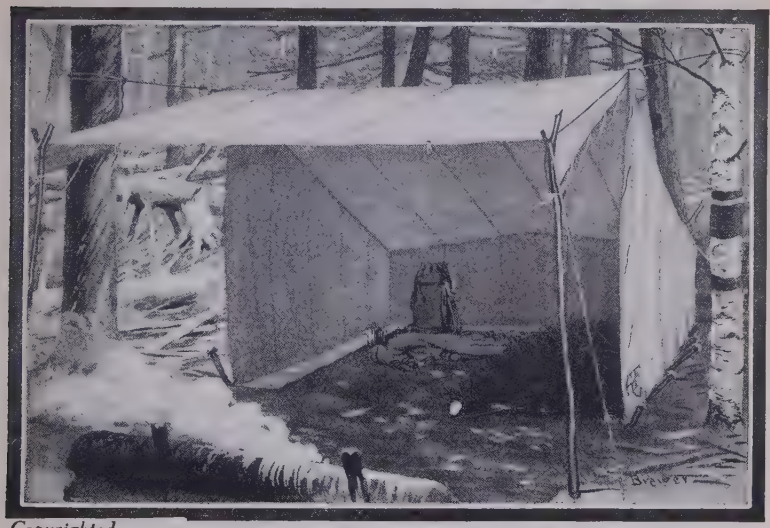
WATERPROOF DINING FLYS FOR WALL TENTS.

The dining fly is made detachable, unless ordered sewed to the tent. The fly is a protection against sun or rain. The sides of the fly are 6 feet from the ground, allowing plenty of head room.

The prices given below include triangular end curtains sewed to the fly, and extending downward 15 inches below the eaves of the tent, thus making a perfect protection between the tent and dining fly.

Made for Wall Tents	Waterproof "Tanalite"		Waterproof Balloon Silk		Waterproof Special	
	7⅓ ft. Extension	Add for Each 17 in. of Extension	7⅓ ft. Extension	Add for Each 17 in. of Extension	7⅙ ft. Extension	Add for Each 14 in. of Extension
7⅙ ft. wide					$4.72	$.45
7⅓ " "	$10.75	$1.39	$ 8.50	$1.08		
8¾ " "	11.65	1.48	10.48	1.30		
9½ " "					5.35	.62
10¼ " "	13.00	1.66	11.92	1.39		
11⅝ " "					6.25	.76
11¾ " "	14.80	1.84	12.55	1.48		
14¼ " "					7.60	.85
Rectangular Side Curtain	10 c. per sq. ft.		9 c. per sq. ft.		5 c. per sq. ft.	

Sample Book of different materials mailed free upon request.



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"TANALITE" WATERPROOF BAKER TENTS.

The Lightest Made.

Khaki Color. Hand Finished.

Price includes sod cloth, tape ridge and Khaki tent bag.

For description of material and method of making see pages 12, 13 and 22.

SIZE Width	SIZE Depth	HEIGHT Front	HEIGHT Back	Weight	Price of Tent	Number of Stakes Required	Ridge, Four Uprights and Stakes Extra
3	7 1/3	4 ft.	1 ft.	5 1/2 lbs.	$10.75	18	$1.30
4 1/3	7 1/3	5 "	1 1/2 "	7 1/2 "	14.80	20	1.40
5 5/8	7 1/3	5 "	1 1/2 "	8 "	16.60	22	1.55
7 1/3	7 1/3	5 "	1 1/2 "	10 "	20.65	24	1.60
7 1/3	7 1/3	7 "	2 1/2 "	12 1/2 "	23.35	24	1.65
7 1/3	7 1/3	8 "	3 1/2 "	14 "	26.50	24	1.70
8 3/4	7 1/3	7 "	2 1/2 "	14 1/4 "	25.60	26	1.75
8 3/4	7 1/3	8 "	3 1/2 "	15 1/2 "	29.20	26	1.80
8 3/4	8 3/4	7 1/2 "	3 "	16 1/4 "	30.55	28	1.90
8 3/4	8 3/4	8 1/2 "	4 "	17 3/4 "	33.70	28	2.00
10 1/4	8 3/4	7 1/2 "	3 "	18 "	34.60	30	2.25

For windows and other tent extras, see pages 44 to 49.

WATERPROOF BALLOON SILK BAKER TENTS.

Treated by Lorentz Process.

For description of material and method of making see pages 12 and 13.

Price includes sod cloth, tape ridge and Standard tent bag.

SIZE Width Depth	HEIGHT Front	HEIGHT Back	Weight	Price of Tent	Number of Stakes Required	Ridge, Four Uprights and Stakes Extra
3 x 7⅓	4 ft.	1 ft.	6 lbs.	$ 9.40	18	$1.30
4⅓ x 7⅓	5 "	1½ "	8 "	11.65	20	1.40
5⅚ x 7⅓	5 "	1½ "	8½ "	13.45	22	1.55
7⅓ x 7⅓	5 "	1½ "	10½ "	16.60	24	1.60
7⅓ x 7⅓	7 "	2½ "	13 "	19.30	24	1.65
7⅓ x 7⅓	8 "	3½ "	14½ "	22.90	24	1.70
8¾ x 7⅓	7 "	2½ "	14¾ "	22.45	26	1.75
8¾ x 7⅓	8 "	3½ "	16 "	24.70	26	1.80
8¾ x 8¾	7½ "	3 "	16¾ "	26.50	28	1.90
8¾ x 8¾	8½ "	4 "	18½ "	28.30	28	2.00
10¼ x 8¾	7½ "	3 "	18¾ "	29.20	30	2.25

SPECIAL WATERPROOF BAKER TENTS.

Treated by Lorentz Process.

For description of material and method of making see pages 12 and 13.

Price includes Standard tent bag.

SIZE Width Depth	HEIGHT Front	HEIGHT Back	Weight	Price of Tent	Number of Stakes Required	Ridge, Four Uprights and Stakes Extra
4¾ x 7⅙	5 ft.	2 ft.	10 lbs.	$ 6.70	14	$1.60
7⅙ x 7⅙	7 "	2½ "	15 "	9.40	16	1.70
9½ x 7⅙	7 "	2½ "	18 "	10.75	18	1.80
9½ x 9½	8½ "	3½ "	25 "	13.90	20	2.00
11⅝ x 9½	8½ "	3½ "	29 "	15.70	22	2.20
14¼ x 9½	8½ "	3½ "	33 "	17.50	24	2.50

For windows and other tent extras, see pages 44 to 49.

We guarantee all our goods and prices, quality considered, are the best obtainable.

Samples of the Different Tent Materials mailed free upon request.

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"TANALITE" WATERPROOF AMAZON TENTS.

The Lightest Made.

Khaki Color. Hand Finished.

Price includes sod cloth, tape ridge and Khaki tent bag.

For description of material and method of making see pages 12 and 13.

SIZE Width	SIZE Depth	HEIGHT Centre	HEIGHT Wall	Weight	Price of Tent	Number of Stakes Required	Ridge, Four Uprights and Stakes Extra
7⅓	7⅓	8 ft.	4 ft.	16 lbs.	$28.30	30	$1.87
8¾	7⅓	8 "	4 "	17½ "	32.80	32	1.95
10¼	7⅓	8 "	4 "	19 "	36.40	34	2.06
8¾	8¾	9 "	4 "	21½ "	40.90	35	2.07
11¾	8¾	9 "	4 "	26½ "	45.40	41	2.29
13¼	8¾	9 "	4 "	29 "	52.60	44	2.42
14¾	8¾	9 "	4 "	31½ "	57.10	47	2.52

For windows and other tent extras, see pages 44 to 49.

WATERPROOF BALLOON SILK AMAZON TENTS.

Treated by Lorentz Process.

For description of material and method of making, see pages 12 and 13.
Price includes sod cloth, tape ridge and Standard tent bag.

SIZE Width Depth	HEIGHT Centre	HEIGHT Wall	Weight	Price of Tent	Number of Stakes Required	Ridge, Four Uprights and Stakes Extra
7⅓ x 7⅓	8 ft.	4 ft.	16¾ lbs.	$24.70	30	$1.87
8¾ x 7⅓	8 "	4 "	17¾ "	28.30	32	1.95
10¼ x 7⅓	8 "	4 "	20 "	31.90	34	2.06
8¾ x 8¾	9 "	4 "	22¼ "	34.60	35	2.07
11¾ x 8¾	9 "	4 "	27¾ "	41.80	41	2.29
13¼ x 8¾	9 "	4 "	30½ "	45.40	44	2.42
14¾ x 8¾	9 "	4 "	32¾ "	49.00	47	2.52

SPECIAL WATERPROOF AMAZON TENTS.

Treated by Lorentz Process.

Price includes Standard tent bag.

SIZE Width Depth	HEIGHT Centre	HEIGHT Wall	Weight	Price of Tent	Number of Stakes Required	Ridge, Four Uprights and Stakes Extra
7⅙ x 7⅙	8 ft.	4 ft.	24 lbs.	$12.55	16	$1.68
9½ x 7⅙	8 "	4 "	27 "	15.80	18	1.83
11⅝ x 7⅙	8 "	4 "	34 "	19.30	20	1.96
9½ x 9½	9 "	4 "	34½ "	19.30	20	1.93
11⅝ x 9½	9 "	4 "	40 "	21.80	22	2.07
14⅓ x 9½	9 "	4 "	45½ "	24.70	24	2.36
16½ x 9½	9 "	4 "	52 "	27.40	26	2.52

All our Amazon Tents are made with a row of galvanized steel rings sewn along the ridge inside the tent and along the sides of the fly, and snap hooks sewn along the top of the front. With this method of construction one may snap the front along the ridge of tent as shown on page 21, or attach along the fly which gives an additional depth to the tent of half the width.

We will attach front permanently to the tent if so ordered without extra charge.

For windows and other tent extras, see pages 44 to 49.

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"TANALITE" WATERPROOF "A" TENTS.

Square Ends.

The Lightest Made.

Khaki Color. Hand Finished.

Price includes sod cloth, tape ridge and Khaki tent bag.

For description of material and method of making see pages 12 and 13.

SIZE Width	SIZE Depth	Height	Weight	Price of Tent	Number of Stakes Required	Ridge Pole Uprights and Stakes Extra
3	7 1/3	4 ft.	4 1/2 lbs.	$10.39	15	$ .88
4 1/3	7 1/3	5 "	6 "	13.00	17	.98
7 1/3	7 1/3	7 "	8 "	18.40	22	1.21
7 1/3	8 3/4	7 "	9 1/2 "	20.65	24	1.30
8 3/4	8 3/4	8 "	12 1/4 "	24.70	24	1.38
8 3/4	10 1/4	8 "	13 3/4 "	27.60	26	1.48
10 1/4	10 1/4	9 "	15 "	30.55	29	1.61
10 1/4	11 5/6	9 "	17 1/4 "	33.70	31	1.72

For windows and other tent extras, see pages 44 to 49.

WATERPROOF BALLOON SILK "A" TENTS.

Square Ends.

Treated by Lorentz Process.

For description of material and method of making, see pages 12 and 13.

Price includes Standard tent bag.

SIZE Width	SIZE Depth	Height	Weight	Price of Tent	Number of Stakes Required	Ridge Pole Uprights and Stakes Extra
3	7 1/3	4 ft.	5 lbs.	$ 8.50	15	$.88
4 1/3	7 1/3	5 "	6 1/2 "	11.29	17	.98
7 1/3	7 1/3	7 "	9 "	15.25	22	1.21
7 1/3	8 3/4	7 "	10 "	17.50	24	1.30
8 3/4	8 3/4	8 "	12 3/4 "	21.55	24	1.38
8 3/4	10 1/4	8 "	14 1/2 "	23.35	26	1.48
10 1/4	10 1/4	9 "	16 1/4 "	26.50	29	1.61
10 1/4	11 5/6	9 "	18 "	28.70	31	1.72

SPECIAL WATERPROOF "A" TENT SQUARE ENDS.

Treated by Lorentz Process.

For description of material and method of making see pages 12 and 13.

Price includes Standard tent bag.

SIZE Width	SIZE Depth	Height	Weight	Price of Tent	Number of Stakes Required	Ridge Pole Uprights and Stakes Extra
4 3/4	7 1/6	7 ft.	10 3/4 lbs	$ 6.25	11	$1.06
7 1/6	7 1/6	7 1/2 "	14 1/4 "	7.06	13	1.13
7 1/6	9 1/2	7 1/2 "	16 1/2 "	9.40	15	1.27
9 1/2	9 1/2	8 1/2 "	21 "	10.75	17	1.37
9 1/2	11 5/6	8 1/2 "	23 1/2 "	12.91	19	1.51
11 5/6	11 5/6	9 1/2 "	27 3/4 "	14.80	22	1.63
11 5/6	14 1/4	9 1/2 "	31 1/2 "	17.50	24	1.91

For windows and other tent extras, see pages 44 to 49.

We also make to order tents of Green Waterproof and Rot-proof, Flax, Cotton and "Extra Light", but do not list same owing to their very limited demand. We will send samples of materials with descriptive matter and prices upon request.

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"TANALITE" WATERPROOF HUDSON BAY TENTS.

The Lightest Made.

Khaki Color. Hand Finished.

Price includes sod cloth, tape ridge and Khaki tent bag.

For description of material and method of making, see pages 12 and 13.

Extreme Size on Ground	Height	Weight	Price of Tent	Number of Stakes Required	Ridge Pole Uprights and Stakes Extra
3 x 6	4 ft.	3¼ lbs.	$ 7.60	12	$ .62
4 x 7	5 "	4 "	8.50	12	.70
5 x 8	6 "	5½ "	11.65	14	.83
6 x 9	7 "	7 "	14.35	16	.91
7 x 10	7½ "	9 "	17.50	20	1.00
8 x 11	8 "	10 "	19.30	22	1.07

We guarantee all our goods and prices, quality considered to be the best obtainable.

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"TANALITE" WATERPROOF LEAN-TO TENTS.

The Lightest Made.

Khaki Color. Hand Finished.

Price includes sod cloth, tape ridge and Khaki tent bag.

For description of material and method of making, see pages 12 and 13.

Size 3⅔ x 7¼ ft. Height 4½ ft. Weight 3 lbs. Price $5.16.

WATERPROOF BALLOON SILK LEAN-TO TENT.

Price includes sod cloth, tape ridge and Standard tent bag.

Size 3⅔ x 7¼ ft. Height 4½ ft. Weight 3¼ lbs. Price $5.35.

SPECIAL WATERPROOF LEAN-TO TENT.

Price includes Standard tent bag.

Size 3½ x 7½ ft. Height 4½ ft. Weight 4½ lbs. Price $2.83

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"MASTIGOUCHE" TRAPPERS' TENT.

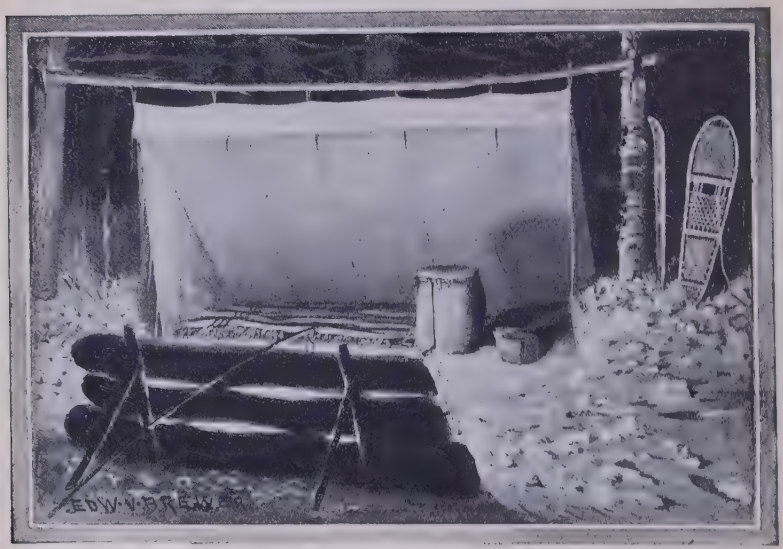
We show above two Mastigouche Trappers' Tents joined at ridge and ends. Each tent weighs 3½ lbs., and is complete in itself for an individual shelter. The two illustrated above cover an area of 6½ feet wide and 7 feet long.

The "Mastigouche" Trappers' Tent is designed by us for Trappers and Fire Rangers and we recommend it to those who wish to "go light." These tents are made interchangeable and can be joined or separated in two minutes. Joined they will accommodate four people and are invaluable for use when a party is likely to separate to meet later on.

The flaps join at ridge with double set of tapes and hoods and fasten with army snap buttons at each peak, making the tents, when used in pairs, perfectly water and wind-proof, a great improvement on the dog tent used in the United States Army.

Every well-managed lumber company now appreciates the necessity of having their limits patrolled during the summer and fall by a well-organized corps of Fire Rangers. The "Mastigouche" Trappers' Tent is perfectly adapted for this work, as Rangers can travel in pairs and use the tents assembled, as shown on opposite page, each man carrying his own tent, and being assured of shelter should they become separated through accident or necessity.

The light weight makes this tent ideal for fall hunting in wet country, where the hunter is apt to stray far from the home camp on the trail of big game.



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"TANALITE" WATERPROOF "MASTIGOUCHE" TRAPPERS' TENT.

The Lightest Made.

Khaki Color. Hand Finished.

Price includes sod cloth, tape ridge and Khaki tent bag.
For description of material and method of making, see pages 12 and 13.

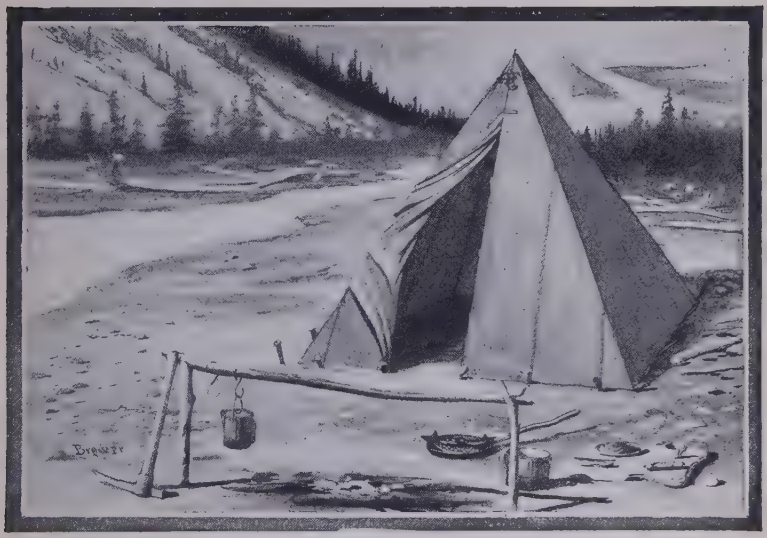
SIZE Width	SIZE Depth	HEIGHT	WEIGHT	Price of Tent Complete
$7\frac{1}{3}$ x	$3\frac{3}{4}$	$4\frac{1}{4}$ ft.	$3\frac{1}{2}$ lbs.	$8.50

WATERPROOF BALLOON SILK "MASTIGOUCHE" TRAPPERS' TENT.

For description of material and method of making, see pages 12 and 13.
Price includes Standard tent bag.

SIZE Width	SIZE Depth	HEIGHT	WEIGHT	Price of Tent Complete
$7\frac{1}{3}$ x	$3\frac{3}{4}$	$4\frac{1}{4}$ ft.	$3\frac{3}{4}$ lbs.	$6.70

Samples of the different Tent materials mailed free upon request.



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"TANALITE" WATERPROOF MINERS' TENTS.

For description of material and method of making, see pages 12 and 13.
Price includes sod cloth, tape ridge and Khaki tent bag.

Width	Depth	Height	Weight	Price	Stakes Required	Pole and Stakes
7½ x	7½	7 ft.	7¼ lbs.	$14.80	24	$ .50
7½ x	8¾	7 "	8¼ "	16.60	24	.55
8¾ x	8¾	8 "	10¾ "	19.30	24	.60
10¼ x	10¼	9 "	12¼ "	24.70	32	.75

WATERPROOF BALLOON SILK MINERS' TENTS.

Price includes sod cloth, tape ridge and Standard tent bag.

Width	Depth	Height	Weight	Price	Stakes Required	Pole and Stakes
7½ x	7½	7 ft.	7¾ lbs.	$10.75	24	$ .50
8¾ x	8¾	8 "	11 "	15.70	24	.60
10¼ x	10¼	9 "	13 "	20.65	32	.75

SPECIAL WATERPROOF MINERS' TENTS.

Price includes Standard tent bag.

Width	Depth	Height	Weight	Price	Stakes Required	Pole and Stakes
7⅙ x	7⅙	7½ ft.	10 lbs.	$ 6.70	16	$ .50
9½ x	9½	8½ "	15 "	9.22	16	.60
11⅝ x	11⅝	9½ "	20½ "	12.55	24	.70

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"TANALITE" WATERPROOF MINERS' TENTS.

With 2 Foot Wall.

Price includes sod cloth, tape ridge and Khaki tent bag.

SIZE	HEIGHT	Weight	Price	Stakes Required	Pole and Stakes
$7\frac{1}{3}$ x $7\frac{1}{3}$	9 ft.	11 lbs.	$21.55	48	$ .85
$7\frac{1}{3}$ x $8\frac{3}{4}$	9 "	12 "	22.90	48	.85
$8\frac{3}{4}$ x $8\frac{3}{4}$	10 "	$13\frac{1}{4}$ "	26.50	48	.90
$10\frac{1}{4}$ x $10\frac{1}{4}$	11 "	$17\frac{1}{4}$ "	32.35	64	1.10

WATERPROOF BALLOON SILK MINERS' TENTS.

Price includes sod cloth, tape ridge and Standard tent bag.

SIZE	HEIGHT	Weight	Price	Stakes Required	Pole and Stakes
$7\frac{1}{3}$ x $7\frac{1}{3}$	9 ft.	$11\frac{3}{4}$ lbs.	$17.50	48	$ .85
$8\frac{3}{4}$ x $8\frac{3}{4}$	10 "	14 "	21.55	48	.90
$10\frac{1}{4}$ x $10\frac{1}{4}$	11 "	18 "	27.40	64	1.10

SPECIAL WATERPROOF MINERS' TENTS.

Price includes Standard tent bag.

SIZE	HEIGHT	Weight	Price	Stakes Required	Pole and Stakes
$7\frac{1}{6}$ x $7\frac{1}{6}$	$9\frac{1}{2}$ ft.	$14\frac{1}{4}$ lbs.	$ 8.50	32	$ .70
$9\frac{1}{2}$ x $9\frac{1}{2}$	$10\frac{1}{2}$ "	$20\frac{1}{4}$ "	12.55	32	.75
$11\frac{5}{8}$ x $11\frac{5}{8}$	$11\frac{1}{2}$ "	27 "	16.60	48	1.00

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"TANALITE" WATERPROOF CONICAL TENTS.

The Lightest Made.

For description of material and method of making, see pages 12-13.
Price includes sod cloth, ridge flap and Khaki tent bag.

Diameter	Height	Weight	Price	Stakes Required	Pole and Stakes
9 ft.	8 ft.	8½ lbs.	$17.50	20	$ .55
12 "	9 "	13¼ "	25.60	26	.70
14 "	10 "	17 "	31.45	31	.80

WATERPROOF BALLOON SILK CONICAL TENTS.

Price includes sod cloth, ridge flap and Standard tent bag.

Diameter	Height	Weight	Price	Stakes Required	Pole and Stakes
10 ft.	9 ft.	10¾ lbs.	$18.40	22	$ .60
12 "	9 "	14½ "	22.45	26	.70
14 "	10 "	18 "	28.30	31	.80

SPECIAL WATERPROOF CONICAL TENTS.

Price includes Standard tent bag.

Diameter	Height	Weight	Price	Stakes Required	Pole and Stakes
10 ft.	9 ft.	15¼ lbs.	$10.75	14	$ .55
14 "	10 "	22½ "	14.35	19	.65
16 "	12 "	30¼ "	18.40	22	.75

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"TANALITE" WATERPROOF SIBLEY TENTS.

With 2-Foot Wall. The Lightest Made.

For description of material and method of making, see pages 12-13.

Price includes sod cloth, ridge flap and Khaki tent bag.

Diameter	HEIGHT	Weight	Price	Stakes Required	Pole and Stakes
7 ft.	7 ft.	9¼ lbs.	$17.50	31	$ .65
9 "	8 "	11¾ "	23.35	41	.75
12 "	9 "	16½ "	32.35	52	1.00
14 "	10 "	21½ "	40.45	62	1.20

WATERPROOF BALLOON SILK SIBLEY TENTS.

Price includes sod cloth, tape ridge and Standard tent bag.

Diameter	HEIGHT	Weight	Price	Stakes Required	Pole and Stakes
10 ft.	9 ft.	14½ lbs.	$24.70	44	$ .90
12 "	9 "	17¼ "	28.30	52	1.00
14 "	10 "	23 "	35.05	62	1.20

SPECIAL WATERPROOF SIBLEY TENTS.

Price includes Standard tent bag.

Diameter	HEIGHT	Weight	Price	Stakes Required	Pole and Stakes
9 ft.	8 ft.	17¼ lbs.	$10.75	24	$ .60
14 "	10 "	31½ "	19.30	38	.90
16 "	12 "	40 "	23.35	44	1.00

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"TANALITE" WATERPROOF CANOE TENTS.

The Lightest Made.

For description of material and method of making, see pages 12 and 13. Price includes sod cloth and Khaki tent bag.

Size of Rectangle	Centre	Wall	Weight	Price	Stakes Required	Pole and Stakes
7⅓ x 7⅓	7 ft.	2 ft.	10¼ lbs.	$21.55	31	$ .70
8¾ x 7⅓	7½ "	3 "	12½ "	24.70	34	.75
8¾ x 8¾	7½ "	3 "	13¾ "	27.40	36	.75
10¼ x 8¾	7½ "	3 "	15½ "	30.55	40	.80

WATERPROOF BALLOON SILK CANOE TENTS.

Price includes sod cloth and Standard tent bag.

Size of Rectangle	Centre	Wall	Weight	Price	Stakes Required	Pole and Stakes
7⅓ x 7⅓	7 ft.	2 ft.	10½ lbs.	$16.60	31	$ .70
8¾ x 7⅓	7½ "	3 "	12¾ "	18.40	34	.75
10¼ x 8¾	7½ "	3 "	16 "	25.60	40	.80

SPECIAL WATERPROOF CANOE TENTS.

Price includes Standard tent bag.

Size of Rectangle	Centre	Wall	Weight	Price	Stakes Required	Pole and Stakes
9½ x 7⅙	7½ ft.	3 ft.	21½ lbs.	$11.65	21	$ .55
9½ x 9½	8½ "	3½ "	26¼ "	14.80	23	.60
11⅚ x 9½	8½ "	3½ "	31½ "	17.50	27	.70

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"TANALITE" PALMETTO CANOE TENT.

This tent is listed, through error, by some dealers as the Frazer Canoe Tent. The correct model, designed by Perry D. Frazer, is shown on page 35.

The Lightest Made.

Khaki Color. Cool and Comfortable.

For description of material and method of making, see pages 12-13.

Price includes sod cloth and Khaki tent bag.

Width	Depth	Centre	Eaves	Weight	Price of Tent	Number of Stakes Required	Spreaders and Stakes
$7\frac{1}{3}$ x	$7\frac{1}{3}$	$8\frac{1}{2}$ ft.	6 ft.	11 lbs.	$20.65	24	$1.25

WATERPROOF BALLOON SILK PALMETTO TENT.

Price includes sod cloth and Standard tent bag.

Width	Depth	Centre	Eaves	Weight	Price of Tent	Number of Stakes Required	Spreaders and Stakes
$7\frac{1}{3}$ x	$7\frac{1}{3}$	$8\frac{1}{2}$ ft.	6 ft.	12 lbs.	$17.50	24	$1.25

Copyrighted.

FRAZER CANOE TENT.

This tent is built in accordance with details and specifications furnished us by Mr. Perry D. Frazer of "Forest and Stream." The ground plan is square, 8¾ ft. by 8¾ ft., height 8¾ ft. Each tent furnished with brown waterproof ground cloth, and window in rear. The opening for door is 5 ft. 6 in. high, 14 in. wide at top and 30 in. wide at bottom. There is an extra awning covering whole front of tent, which when lowered closes the front. Tent is equipped with guys. Price includes inside shear poles, hinged at peak, each pole in two joints. This holds the tent securely in place and does away with pole in centre, giving much more room.

"TANALITE" WATERPROOF FRAZER TENT.

The Lightest Made.
Khaki Color. Cool and Comfortable.
For description of material and method of making, see pages 12-13.
Price includes ground cloth, window, shear poles and Khaki tent bag.
Weight complete, 10¼ lbs. Price $23.35.

WATERPROOF BALLOON SILK FRAZER TENT.

Price includes ground cloth, window, shear poles and Standard tent bag.

Weight complete 10½ lbs. Price, $19.30.

Copyrighted.

"TANALITE" YALDEN CANOE TENT.

This tent, designed by Mr. J. E. G. Yalden, is octagonal in shape, each tent complete with sod cloth and detachable ground cloth, window in rear with flap, covered with bobbinet.

For description of material and method of making, see pages 12 and 13.

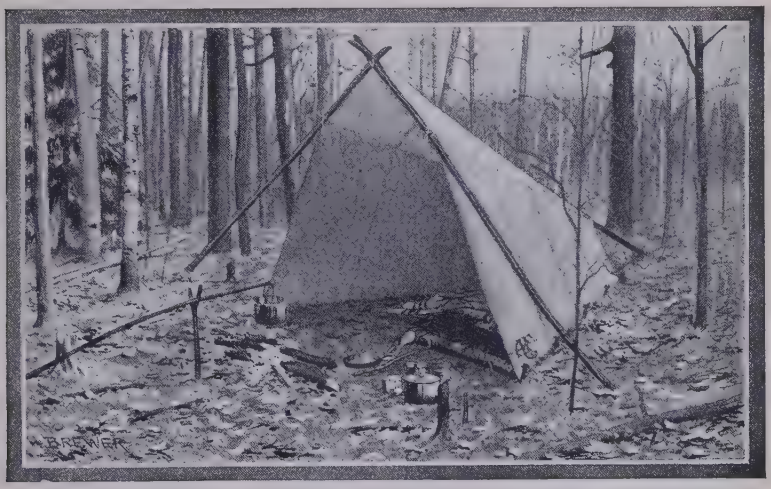
Price includes sod cloth, separate ground cloth, window and Khaki tent bag.

Diameter	Height at Centre	Weight	Price of Tent Complete	Number of Stakes Required	Pole and Stakes Extra
8½ ft.	8½ ft.	14 lbs.	$20.65	10	$1.00

WATERPROOF BALLOON SILK YALDEN TENT.

Made in same manner as "Tanalite."
Price includes Standard tent bag.

Diameter	Height at Centre	Weight	Price of Tent Complete	Number of Stakes Required	Pole and Stakes Extra
8½ ft.	8½ ft.	14¼ lbs.	$17.50	10	$1.00



Copyrighted.

"TANALITE" WATERPROOF FORESTERS' TENTS.

The Lightest Made.

For description of material and method of making, see pages 12 and 13.

Price includes Khaki tent bag.

Width Depth	Height	Weight	Price
7⅓ x 7⅓ ft.	6½ ft.	4 lbs.	$ 9.40
8¾ x 8¾ "	8½ "	6 "	13.45

WATERPROOF SILK FORESTERS' TENTS.

Price includes Standard tent bag.

Width Depth	Height	Weight	Price
7⅓ x 7⅓ ft.	6½ ft.	4¼ lbs.	$ 7.60
8¾ x 8¾ "	8½ "	6½ "	11.29

SPECIAL WATERPROOF FORESTERS' TENTS.

Price includes Standard tent bag.

Width Depth	Height	Weight	Price
7 x 7 ft.	6½ ft.	5½ lbs.	$ 4.27
9 x 9 ft.	8½ "	10½ "	6.25

Copyrighted.

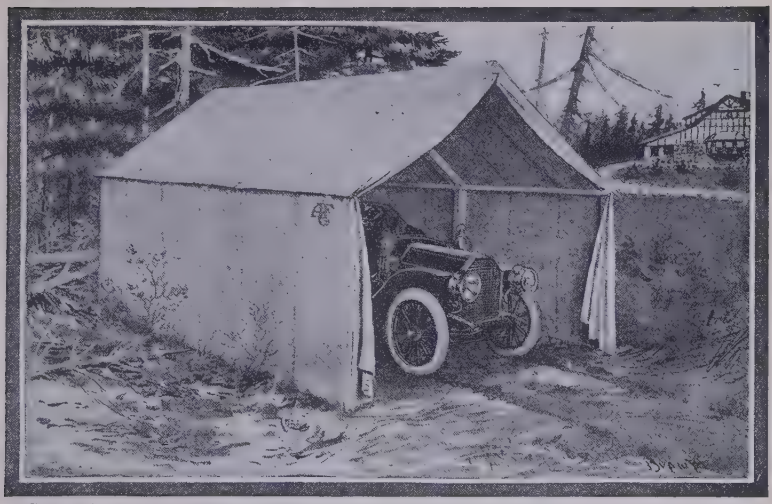
FAMILY COMPARTMENT TENTS.

These tents, designed for permanent camps, are made of Standard U. S. Army Duck of the very best grade. They have scalloped valances, are strongly roped along the angles, the side walls are made detachable and of the same ounce duck as the roof. The front and rear wall of each tent is made to open as for awning, same width as dining room. All Family Compartment Tents equipped with long guy ropes, and hand-finished throughout.

Bedrooms, dining room, etc., arranged in any manner to suit.

SIZE		HEIGHT		Price of Main Tent Only			Stakes Required	Ridge Uprights Poles and Stakes Extra	No. of Bed Rooms with Dining Room Extra	
Width	Depth	Centre	Wall	8-oz	10-oz	12-oz				
9¼	x 16	10 ft.	6 ft.	24.70	29.20	33.70	30	$2.20	2	$3.19
9¼	x 18½	10 "	6 "	27.60	32.35	36.40	34	2.35	2	3.28
11½	x 18½	11 "	6 "	31.90	37.30	41.45	36	2.70	2	4.09
11½	x 21	11 "	6 "	32.35	40.90	44.50	38	4.30	4	6.70
14	x 21	12 "	6 "	36.40	43.60	49.00	44	5.00	4	7.60
14	x 25½	12 "	6 "	40.90	49.00	55.30	50	5.50	4	7.60
16	x 25½	12 "	6 "	44.50	53 50	60.70	52	5.75	4	8.50
18½	x 30	13 "	6 "	55.30	65.20	74.20	62	7.00	4	10.75

For stove pipe holes and other extras, see pages 44 to 49.



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PORTABLE AUTOMOBILE GARAGES.

These tents are made for use over frames and are reinforced along the ridge and eaves and where ever the frame comes in contact with the tent. A rear door is placed in each tent, unless otherwise ordered. Hand-finished throughout.

SIZE		HEIGHT		United States Army Standard Duck		
Width	Depth	Centre	Wall	10 oz.	12 oz.	15 oz.
11½	x 11½	11 ft.	7 ft.	$24.70	$28.30	$36.40
11½	x 13¾	11 "	7 "	27.40	31.45	42.70
13¾	x 13¾	12 "	7 "	31.90	36.40	47.20
16⅛	x 13¾	12 "	7 "	34.60	40.45	53.50
16⅛	x 16⅛	13 "	7 "	39.10	45.40	58.00
16⅛	x 18½	13 "	7 "	42.70	48.10	64.30
16⅛	x 20¾	13 "	7 "	45.40	53.50	70.15
16⅛	x 23	13 "	7 "	49.00	58.00	76.00
16⅛	x 30	13 "	7 "	60.70	67.00	90.40

NOTE.—Prices do not include frames, these should be made by local carpenter.

For windows and other tent extras, see pages 44 to 49.

Copyrighted.

"TANALITE" WATERPROOF AUTOMOBILE TENTS.

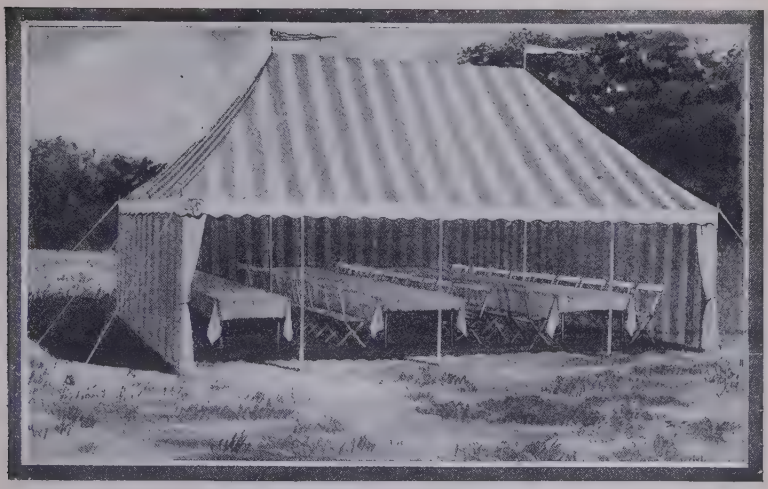
These are the best Automobile Tents made. They are very strongly taped and reinforced throughout, the centre of the rear wall is made to guy to steering wheel of the car, the two corners of rear wall to guy to wheels of the car. Each tent furnished with the necessary guy lines and equipped with waterproof ground cloth sewed to tent, with 9-inch sill in front, ventilated at peak with small window covered with bobbinet, with outside hood. Tents are equipped with necessary steel tent pins and Noepel telescopic tubular tent pole. Packed in brown waterproof tent bag, the poles and pins being in separate bag.

The Automobile Tent can be erected in less time than any other tent made. The four corners of the ground cloth are pinned out, the telescopic pole set up and the four guy lines make the tent taut. The entire outfit packs in a bag 28 inches long by 10½ inches in diameter, and can be carried on the running board of a car.

SIZE		HEIGHT		Weight	Price of tent complete with steel stakes and Noepel Telescopic Tent Pole
Width	Depth	Center	Wall Rear		
8¾ x	7½ ft.	8 ft.	4½ ft.	21 lbs.	$31.90
10¼ x	8¾ "	8 "	4½ "	26½ "	36.40

Special tents of every description and accessories for automobile cruising made to order.

For tent extras, etc., see pages 44 to 49.

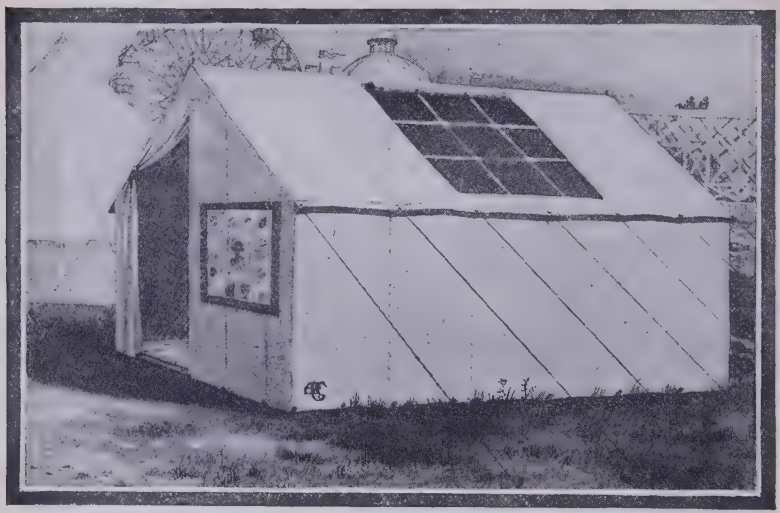


Copyrighted.

REFRESHMENT TENTS.

These tents are made with scalloped valances strongly roped along the angles, with detachable side walls. Side walls are made of same ounce duck as roof, reinforced along ridge and on corners, all tents supplied with best grade Manila guy ropes. While tent shown in cut is made of awning stripes, the general demand is for Standard United States Army Duck Tents. We can furnish any kind of awning stripe, samples and prices mailed free upon request.

SIZE		HEIGHT		United States Army Standard Duck			Number of Stakes Required	Ridge, Uprights, and Stakes Extra
Width	Depth	Centre	Wall	8-oz	10-oz	12-oz		
9¼	x 16	10 ft.	6 ft.	$25.15	$29.20	$33.25	30	$3.25
9¼	x 18½	10 "	6 "	27.40	32.35	36.40	34	3.50
11½	x 18½	11 "	6 "	31.45	36.40	41.35	36	4.00
11½	x 21	11 "	6 "	32.35	40.90	45.40	38	4.50
14	x 21	12 "	6 "	36.40	43.60	49.00	44	5.00
14	x 25½	12 "	6 "	41.35	49.00	57.10	50	5.25
16	x 25½	12 "	6 "	44.50	53.50	61.60	52	6.00
18½	x 30	13 "	6 "	50.80	65.20	74.20	62	7.00
18½	x 37	13 "	6 "	63.40	76.00	85.00	72	8.75
21	x 37	15 "	7 "	74.20	90.40	100.75	74	9.00
21	x 41	15 "	7 "	78.50	102.55	112.90	80	10.00
25½	x 41	16 "	7 "	90.40	107.50	126.40	84	11.25
25½	x 50	16 "	7 "	105.70	123.70	143.50	96	13.25



Copyrighted.

PHOTOGRAPHER'S TENT.

Very strongly made, reinforced and hand-finished throughout. Roped by hand on ridge, gable, ends and eaves.

SIZE		HEIGHT		United States Army Standard Duck			Number of Stakes Required	Ridge Uprights, and Stakes Extra
Width	Depth	Centre	Wall	8-oz	10-oz	12-oz		
12	x 14	11 ft.	6 ft.	$26.50	$31.90	$35.50	30	$4.00
12	x 16¼	11 "	6 "	29.20	34.60	39.10	34	4.75
12	x 18	11 "	6 "	31.45	37.30	42.70	36	5.75
14	x 16¼	12 "	6 "	32.35	39.10	43.60	36	5.00
14	x 18½	12 "	6 "	34.60	41.35	46.30	38	6.50
14	x 21	12 "	6 "	37.30	44.50	51.70	42	7.00
14	x 23¼	12 "	6 "	40.45	47.20	54.40	44	7.25
16	x 21	13 "	6 "	42.70	50.35	57.10	44	7.25
16	x 23¼	13 "	6 "	45.40	54.40	62.50	46	7.50
16	x 30	13 "	6 "	53.50	64.30	73.30	56	10.00

Dark Room size 7 x 7, 7 ft. high, made of black curtain duck, lined with heavy yellow or red cambric, complete with wood frames painted black, and necessary bolts, $13.00 extra.

For stove pipe holes and other extras, see pages 44 to 49.

Copyrighted.

TOILET TENTS.

We are now making these tents on an entirely new model, which will be found most convenient and serviceable. One side is made so as to continue out beyond and around the front, lapping over the opposite side as shown in the illustration. This form allows of perfect privacy and ingress and egress is effected without the bother of flaps or curtains. The walls are made five feet high on all sides and the roof is raised in front for ventilation. These tents are a great convenience on any protracted trip and should be in every outfit.

Prices include Standard tent bag.

KHAKI TOILET TENT.

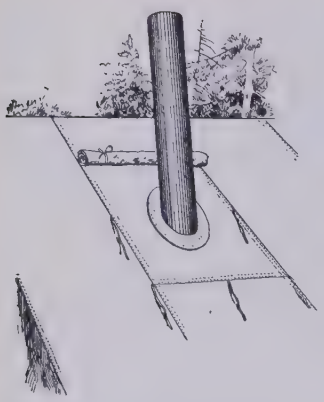
SIZE Width	Depth	Height	Weight	Price of Tent	Number of Stakes Required	Seven Uprights and Stakes Extra
5	x 5	5 ft.	10 lbs.	$7.15	13	$1.75

STANDARD TOILET TENT.

SIZE Width	Depth	Height	Weight	Price of Tent	Number of Stakes Required	Seven Uprights and Stakes Extra
5	x 5	5 ft.	7¼ lbs.	$3.82	13	$1.75

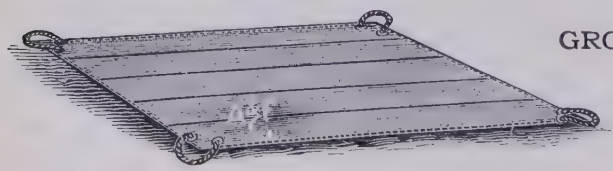
Toilet seat, weight 6 lbs. Price, $1.25.

TENT STOVE-PIPE HOLE.



In cold weather, a stove in a tent is always an appreciated luxury and many times a positive necessity when the tent is of a style which cannot be heated from a fire in front. Such a stove is also very handy for use in bad weather for the preparation of simple meals, drying out clothes, etc. We place stove-pipe holes in any tent as follows: An extra piece of the material is sewed to the tent as a reinforcement and in which is inserted a specially made wide stove-pipe collar of asbestos. This thoroughly protects the tent from scorching or burning, and as it is quite flexible will roll up snugly with the tent. It is vastly superior to the old style tin or metal protectors in every way and has the added advantage of being perfectly noiseless, even in a wind. At the opening is placed a wide flap, of the same material as the tent, which is rolled up and tied with tapes when pipe is in use. When pipe is not used the flap is lowered and tied in place with tapes, effectually closing the opening and making it thoroughly water tight. Price of asbestos ring placed in tent, complete with flap, $2.50.

Always placed at right side (looking in) unless otherwise ordered



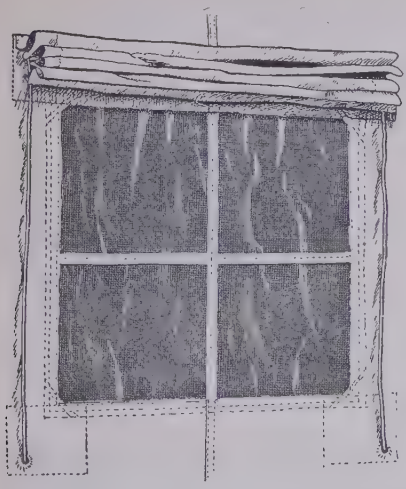
GROUND CLOTH.

In certain localities a ground cloth is an absolute necessity in the way of keeping out snakes, insects, vermin, etc. It is also valuable in cold weather as a preventer of draughts and a great aid in keeping the tent warm. Recommended for a traveling or cruising trip where the tent must often be pitched hastily and perhaps on wet ground, in which case it assures a dry floor and clean bed, and is besides a protection to the tent when rolled up.

We supply them either sewed permanently to the tent or separate, and in the latter case the tent should have a sod cloth to insure perfect protection. Made of heavy brown canvas, tough, durable and perfectly waterproof.

Separate ground cloths have rope loops for corner stakes.

Price, when separate..... 6 cents per square foot.
Price, when sewed to tent.....7 cents per square foot.



TENT WINDOWS.

These are most desirable, especially in large tents, for comfort and for proper ventilation. While they are usually put in wall tents only, they can be placed to advantage in practically any style of tent. Unless otherwise ordered they are placed in rear wall of tent and are made as follows: An opening of the proper size, varying somewhat according to the size and style of tent, is cut out and strongly reinforced around the edges with tape. The opening thus formed is then filled with fine mesh English bobbinet, which is strong and durable, and this is also reinforced across both ways with tape as shown in the illustration. Above the opening is placed a wide flap, of same material as the tent, and so arranged that it may be either raised or lowered from the inside by simply pulling a cord. The curtain, when lowered, excludes all wind and is perfectly water tight. Price, put in, complete, curtain and cord, $2.50.

SOD CLOTH.

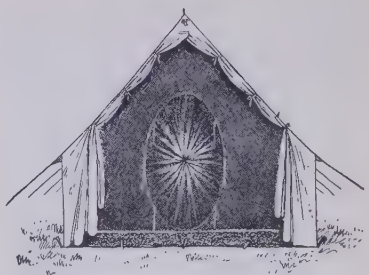
This should be on every tent for general camping use and consists of a strip of the same material as the tent, nine inches wide, sewed on the bottom all the way around. When used in connection with a separate ground cloth it is spread flat upon the ground inside the tent and the ground cloth laid upon it, making the tent wind and waterproof from the bottom. When ground cloth is not used the sod cloth is spread in the same manner and logs or stones placed upon it with much the same effect. All "Tanalite" and Balloon Silk tents are so equipped, but we place sod cloths in any tent, to order, as follows: Special Waterproof Tents, 3 cents per foot, measured around tent. Khaki or Duck Tents, 4 cents per foot, measured around the tent.

TAPE RIDGE.

A tape ridge is most desirable on practically all tents for general use, especially in the woods, as by this means a tent can be hastily erected by suspending it with a rope between two trees. The tape ridge consists of a heavy woven tape sewed along the ridge of the tent and which takes all the strain when the tent is erected in this manner. Has strong loops at each end for attaching ropes. All "Tanalite" and Balloon Silk Tents are so equipped, but same will be placed on any tent to order at 5 cents per foot, measured along the ridge.

BOBBINET MOSQUITO-PROOF FRONTS.

No. 1



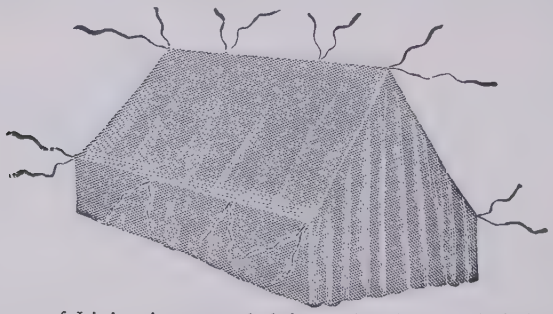
No. 2

Two methods of making Bobbinet Mosquito-Proof Fronts are shown in the above cuts. The first cut shows front attached to the sides and walls, made extra long and full, equipped with adjustable rope which raises and lowers the mosquito-proof curtain.

The second cut shows Bobbinet Mosquito Front with circular opening in centre. This opening is made extra full with a pucker string.

Price for mosquito and fly-proof front made of best English bobbinet, properly put in, complete, 10 cents per square foot, measuring the square feet in the front of tent.

CHEESECLOTH INSECT-PROOF TENT LINING.



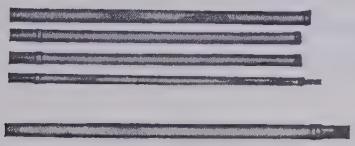
Insect-proof Lining is suspended from the ridge and tied out to the four corners; the front must be lifted to give entrance. This lining is a separate piece and can be used apart from the tent if desired.

Size of Tent (about)	Price	Size of Tent (about)	Price Net	Size of Tent (about)	Price
4 x 7	$2.00	9 x 9	$4.10	10 x 10	$5.25
7 x 7	2.85	9 x 10	4.50	10 x 12	5.65
7 x 9	3.60	9 x 12	5.00	12 x 12	6.00

Made for any shape tent.

NOEPEL'S STEEL TENT POLES—TELESCOPING.

(Patent Applied for.)



Showing Separate Pieces and Telescoped for Packing.

The lightest and strongest tent poles made. Weigh less than wooden poles of the same diameter, and are infinitely stronger. Made of the best grade seamless drawn steel tubing, all joints brazed and reinforced, with electric galvanized satin finish to prevent rust.

Wherever tent poles must be carried, the Noepel pole will at once be appreciated, and we recommend it most strongly for canoeing, mountain climbing, automobiling, cruising and pack trains. It is also a most excellent pole for general use, as it is light and convenient to carry and is erected or taken down in a moment, saving much time in the hunting and cutting of poles.

To erect an upright, the second joint is withdrawn, reversed and inserted in the outside joint and the process repeated in a like manner until the complete pole is assembled. To pack up, the operation is reversed, pulling out the top section, reverse and push it into the next section, repeat until the pole is all enclosed in the largest section.

To set up a ridge pole, proceed the same as for upright, but the joints must be withdrawn alternately from either side of the middle joint, first right, then left and so on.

All poles telescope to 29½ inches in length.

TELESCOPING UPRIGHT POLES.

Lengths up to 8 ft., diam. 1¼ in.; weight, 3⅙ lbs.	Price, each	3.50
Lengths 8 to 9 ft., diam. 1⅜ in.; weight, 3⅞ lbs.	Price, each	4.00
Lengths 9 to 10 ft., diam. 1⅜ in.; weight, 4 1-16 lbs.	Price, each	4.50
Lengths 10 to 12 ft., diam. 1½ in.; weight, 5¼ lbs.	Price, each	5.50

TELESCOPING RIDGE POLES.

Lengths up to 8 ft., diam. 1⅜ in.; weight, 3⅞ lbs.	Price, each....	$4.00
Lengths 8 to 9 ft., diam. 1⅜ in.; weight, 4⅛ lbs.	Price, each....	4.50
Lengths 9 to 10 ft., diam. 1⅜ in.; weight, 4⅜ lbs.	Price, each....	5.00
Lengths 10 to 12 ft., diam. 1½ in.; weight, 5½ lbs.	Price, each....	5.50

Brown Waterproof Canvas Carrying Bags, Price, 50 cents.

JOINTED TENT POLES—WOOD.

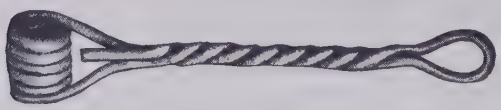
Strongly made of selected ash 1½ inches in diameter, fitted with male and female hard brass ferrules. Accurately made and close fitting. Made in both uprights and ridge poles as listed below.

Lengths up to 6 feet (2 joints); weight, 3⅜ lbs. Price, each.....$ .85
Lengths 6 to 8 feet (3 joints); weight, 4¾ lbs. Price, each..... 1.30
Lengths 8 to 10 feet (4 joints); weight, 6 lbs. Price, each..... 1.75

Special sizes made to order at proportionate prices.

Brown waterproof carrying case, 50 cents.

METAL TENT SLIDE.



This patent slide, made exclusively by us, is the same as we use on all our tents, except "TANALITE" and Balloon Silk, which are not fitted with slides. They are a vast improvement on the clumsy, old style, wooden slide, which was always swelling and splitting, and they are more easily adjusted and hold securely. Much lighter in weight, made rust-proof and take up no room in packing.

Galvanized steel, weight per doz., 4½ oz. Price, per dozen.....$ .25
Brass, weight per doz, 5 oz. Price, per dozen..... .50

STEEL TENT PINS.

In many places considerable difficulty is experienced in erecting tents owing to the impossibility of driving wooden pegs into the hard or stony ground, particularly in winter. This trouble is obviated by our steel tent pins, which can be driven almost anywhere. Made from strong, machine angle steel, which drives easily and holds securely. All pins sharpened at one end and notched for beckets or loops on tent. Especially desirable for pack trains, mountain climbing, canoeists, automobiles, etc. Made in three sizes and meet all requirements.

No. 1.—Length, 9 in.; weight, 2½ oz. Price, each.....$ .05
No. 2.—Length, 12 in.; weight, 5½ oz. Price, each..... .06
No. 3.—Length, 15 in.; weight, 9 oz. Price, each..... .07

TENT AND WATERPROOF MATERIALS.

Many of the cloths are made expressly for and controlled by us exclusively and are throughout of a finer and better grade than can be obtained elsewhere.

In the past we have had so many requests from our patrons for prices of our special cloths for patches, repairs or the making of some special article that we have decided to list them regularly and will fill orders for such goods by the yard or piece.

Materials	Color	Width Inches	Weight Per Yard Ounces	Price Per Yard
"Tanalite" Waterproof....	Khaki	37	$5\frac{1}{2}$	$0 67
Balloon Silk Waterproof...	White	38	$5\frac{2}{5}$	0 49
Balloon Silk Plain.....	"	38	$3\frac{2}{5}$	0 40
Special Waterproof.....	"	29	$8\frac{1}{2}$	0 20
Special Plain.....	"	29	5	0 12
8 oz. Khaki U. S. A.....	Khaki	$28\frac{1}{2}$	8	0 $22\frac{1}{2}$
10 " " "	"	$28\frac{1}{2}$	10	0 30
12 " " "	"	$28\frac{1}{2}$	12	0 35
Waterproof Drill.....	Brown	36	11	0 35
Waterproof Duck.....	"	36	16	0 45
English Bobbinet.....	White	90	$3\frac{1}{3}$	0 94

Samples of materials mailed promptly upon request.

ROPE.

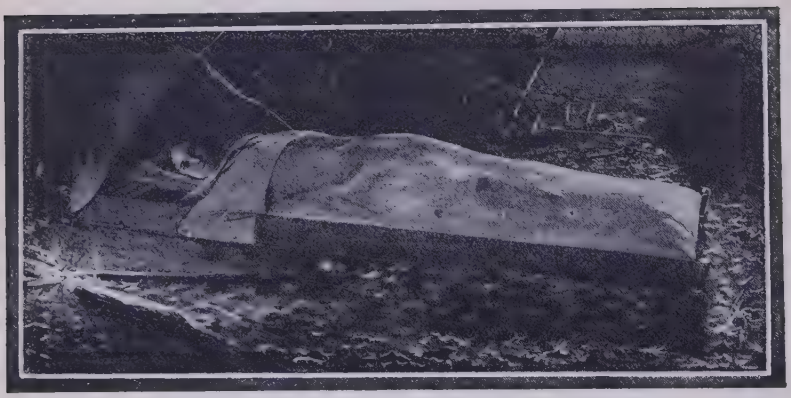
In the manufacture of our tents and other goods we use great quantities of various ropes. Owing to the great difficulty we have experienced in the past in obtaining rope of a size and quality suited to our work, we are now having our ropes made especially for us.

They are better made and of higher quality than may be bought in the open market, and as we always have a demand for such ropes we are now selling them regularly by the foot or pound, as per list below, and in any desired quantity.

These ropes are mostly special sizes and we guarantee them to be finest quality only and the best obtainable.

No. 1, cotton, diam. $\frac{1}{8}$ in.	Number ft. in lb., 175.	Price per lb.	$.35
No. 2, cotton, diam. $\frac{5}{32}$ in.	Number ft. in lb., 125.	Price per lb.	.33
No. 3, cotton, diam. $\frac{3}{16}$ in.	Number ft. in lb., 100.	Price per lb.	.31
No. 4, cotton, diam. $\frac{1}{4}$ in.	Number ft. in lb., 53.	Price per lb.	.30
6 thread, Manila, diam. $\frac{1}{4}$ in.	Number ft. in lb., 60.	Price per lb.	.20
9 thread, Manila, diam. $\frac{5}{16}$ in.	Number ft. in lb., 45.	Price per lb.	.18
12 thread, Manila, diam. $\frac{3}{8}$ in.	Number ft. in lb., 25.	Price per lb.	.16
15 thread, Manila, diam. $\frac{7}{16}$ in.	Number ft. in lb., 19.	Price per lb.	.15

THE "FITCH" SLEEPING BAG.



Patent Applied For

An entirely new model which we recommend as the best for general use, especially for use in the open without other cover.

It is far warmer than any other blanket bag and so constructed as to be absolutely wind and waterproof. The blanketing is made up in bag form which are made to fit snugly within each other in the following unique manner: The blanket bags have tie-tapes attached at each corner and at the middle of the sides. Bag 1 is spread out flat and Bag 2 laid on with the corresponding tie-tapes matching, which are then tied together. Insert the arm into Bag 1, grasp the bottoms of both bags and turn inside out. Bag 3 is added in a like manner and as many more as may be desired.

This method affords an equal covering of blankets all around and is very warm and comfortable.

The whole bag may be taken apart for drying, cleaning or airing and put together again more quickly and with far less effort than any other bag. The blanket bags are opened down from the top for 30 inches on one side and the outside bag is firmly fastened to the cover all around by tapes which prevents the sleeper, by twisting and turning, from getting the blankets bunched up around the limbs.

The bottom case or cover is made of strong waterproof canvas with box-like sides and ends coming up 6 inches all around. The top cover is of our famous "TANALITE," closed all around to within 36 inches of top and fastened the remainder of the way and across the top by snap-buttons.

The upper part of the flap or top cover is flared at the sides in order to give extra room for the head and shoulders when the flap is buttoned down, a feature possessed by no other bag.

At each corner of the case is a sleeve loop through which stakes may be driven to hold the box sides four-square and taut and also to prevent the bag shifting and slipping about.

"FITCH" SLEEPING BAG. (Continued.)

The blankets used are the light-weight "Hudson Bay," bright scarlet with black border and are absolutely pure wool and very soft and pleasant to the touch. We recommend this bag most highly and warrant it far simpler and superior to any other bag made. When considered as to warmth versus weight it is the lightest model in the market, as the blankets are much finer and warmer than any other used for a like purpose. Complete bag is 7½ feet long and 3 feet wide.

Style A, with 12 thicknesses of Blanket; weight, 21 lbs..... $30.00
Style B, with 8 thicknesses of Blanket; weight, 15½ lbs..... 22.00
Style C, with 4 thicknesses of Blanket; weight, 10 lbs..... 14.00
Style D, cover only; weight, 4½ lbs..... 6.70
"Combination" style for use with air bed or mattress, extra..... .50
Fitting bags with blankets furnished by purchaser, for each inside blanket bag..... $1.50
Bags fitted with down quilt, 4½ lbs. Extra..... 9.40
Bags fitted with best eiderdown quilt, 5 lbs. Extra..... 19.30
Fitted with "Jaeger" camel's hair blanket, 6 lbs. Extra..... 19.30
Bags fitted with "Fur-Wool" blanket bags; weight, 3½ lbs. Extra.. 25.60

DOUBLE SLEEPING BAGS.

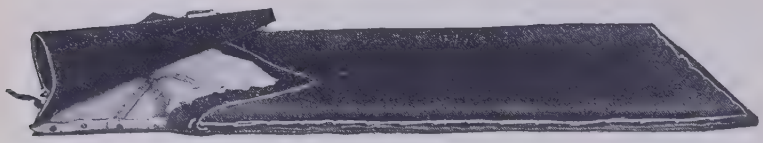
For use when two persons desire to sleep together. Made to order only, at price equal to cost of two bags.

"FITCH" COMBINATION SLEEPING BAGS.

A Sleeping bag with air bed attached. A new method, the most satisfactory we have yet devised, doing away with superfluous weight of extra sack or sleeve on older models. This combination has several advantages —the sleeping bag and bed are always together, the bag cannot slip off the mattress, and it is one article to pack instead of two.

The price of Combination Bags will be that of the sleeping bag, plus the price of air bed selected (see page 56,) with an extra charge of $1.00 for the combination attachment.

THE "JOHNSON" WATERPROOF SLEEPING BAG.



A very practical and satisfactory bag. Cover made of close woven brown waterproof canvas, bound with heavy tape. Lining made of specially woven pure wool blankets of light weight, so arranged that any desired number of thicknesses may be used over or under the sleeper at pleasure. Blankets and cover both fitted with attached loops and eyelets which lace up in an unique manner across the foot and up one side. Can be opened out for cleaning and airing, and blankets may be removed for use on beds or cots. Has large flap to be used for head covering when sleeping in the open.

Size of bag, 7 feet long, 3 feet wide. Size of blankets, double 72x84 inches, gray color. We recommend No. 5 for summer, No. 3 for spring and fall, Nos. 0 and 1 for winter.

Sizes and Prices.

No. 0, 16 thicknesses of blanket; weight, 26 lbs.	$30.00
No. 1, 12 thicknesses of blanket; weight, 21 lbs.	23.75
No. 2, 10 thicknesses of blanket; weight, 18 lbs.	20.00
No. 3, 8 thicknesses of blanket; weight, 16 lbs.	17.00
No. 4, 6 thicknesses of blanket; weight, 14 lbs.	14.00
No. 5, 4 thicknesses of blanket; weight, 11 lbs.	10.75
No. 6, 2 thicknesses of blanket; weight, 9 lbs.	8.00
No. 7, no blankets (cover only;) weight, 6 lbs.	4.75
Fitting bags with blankets furnished by purchaser, for each thickness of blanket lining	.75
Bags fitted with down quilts, 4½ lbs., extra	10.00
Bags fitted with best eiderdown quilts, 5 lbs., extra	20.00
Bags fitted with genuine "Jaeger" camel's hair blankets, 6 lbs., extra	20.00
"Combination" style, for use with air bed or mattress, extra	.50

DOUBLE SLEEPING BAGS.

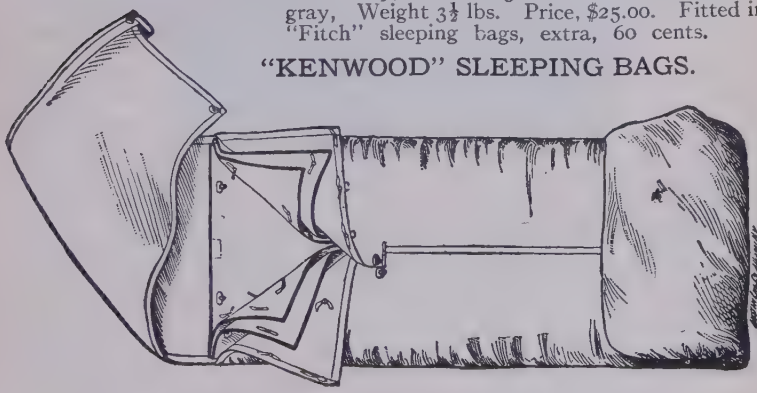
For use where two persons desire to sleep together for the sake of warmth. Made to order only, price equal to cost of two bags.

For air mattresses, pillows, special blankets, etc., see pages 55 and 56.

"FUR-WOOL" SLEEPING BAGS.

Made from the soft body wool of the South American Llama, and manufactured by us exclusively. Beautifully soft in texture and the lightest material used for the purpose. Where warmth must be figured against weight we know of nothing equal to them. Made in bag form only, size 80x36 inches. Color, pearl gray, Weight 3½ lbs. Price, $25.00. Fitted in "Fitch" sleeping bags, extra, 60 cents.

"KENWOOD" SLEEPING BAGS.



Made on the inside bag and closed cover principle, and while we do not consider it by any means the equal of our "Fitch" or "Johnson" models, it makes a good, serviceable bag at a moderate price. Cover made of heavy duck and closed all around except for opening at top and part way down the centre. Fitted with protective flap at top. The inside bags are made of a heavy, felted cloth with thick nap on both sides and made seamless, the inmost bag being fine, soft wool.

Regular bag, complete, weight about 16 lbs. Price.....$15.00
Extra grade, complete, weight about 17 lbs. Price..... 18.00

SEPARATE PARTS.

Cover, $3.00. Heavy inside bag, $7.00. Light inner bag, $5.00

"KENWOOD" STEAMER RUGS.

Used also as camp blankets. Made of fine wool, very light and warm. Made in one piece and laces up for about two feet from bottom, fastening with snap buttons the rest of the way. Excellent for tourists and invalids. Color, brown with dark red lining. Size 66x72 inches. Weight, 6½ lbs. Price, $10.00. With Hood, $11.00.

"COMFORT" SLEEPING POCKET.

A combination of air bed and sleeping pocket. Outside case made of "Wearproof" duck, treated by a patent process, and lined with felt. Cover fastens with snap buttons and has hood or head cover for use in the open. Air bed covered with felt. Has an air pillow, size 11x16, covered with felt and attached to bed with snap buttons. Pump for inflating sent with each bed.

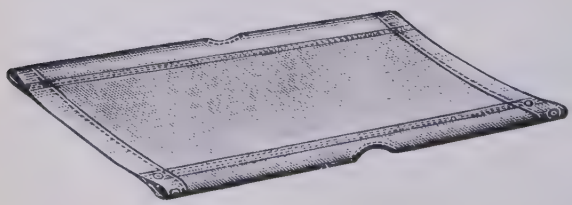
No. 1, size 25x75 in.; weight, 18 lbs. Price.....$25.00
No. 2, size 30x75 in.; weight, 22 lbs. Price..... 30.00
Mosquito netting attachment, extra..... 2.50

"FEATHERWEIGHT" SLEEPING POCKET.

Made similar in style and design to above but of finer and lighter material. Outside case made of balloon silk, coated with special rubber compound. Lined with wool felt and fastened with snap buttons. Air bed made of special fabric, coated with pure Para rubber. Covered with fine wool felt. Has "pillow-stool," size 5x12x18, used either as a stool or pillow. Pump for inflating sent with each bed.

No. 3, size 25x75 in.; weight, 10¾ lbs. Price.....$50.00
No. 4, size 30x75 in.; weight, 13 lbs. Price..... 60.00
Mosquito netting attachment, extra..... 2.50

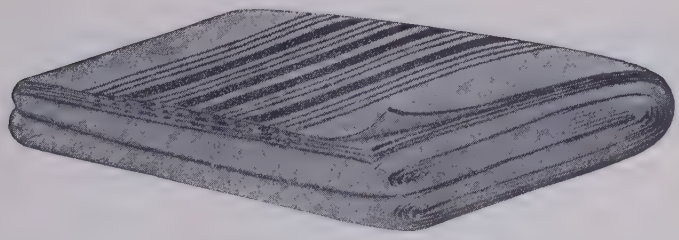
"TRITON" STRETCHER BEDS.



Weight, 3 lbs. Price, $2.25

Made of heavy tan canvas. Size 6x3 feet. Easily erected by running poles through sleeves at side, which rest on posts driven into the ground.

BLANKETS.



The very best selection of blankets for camping and outdoor use to be had. Made expressly for us and of proper sizes.

Genuine imported "Jaeger" camel's hair, single, tan color, trimmed with dark brown. Very light, soft and warm. The finest blankets made. Size, 70x90; weight, 6 lbs. $18.40

"Hudson Bay." Our own special double blanket, and which we recommend very highly. Absolutely pure wool and beautifully made. Color bright scarlet, trimmed with black. Very soft and pleasant to the touch. Size, 72x84. Weight, 5 lbs. 7.50

"Grey Friar." A fine double camp blanket. All wool. Excellent for general use. Color light grey, trimmed with blue. Size, 72x78; weight, 5½ lbs. 6.00

"Army" Blankets. Standard U. S. Army make, single, color blue-gray, trimmed with black. Size, 66x84; weight, 5 lbs. 5.00

"Kersey" Blankets. A strong, heavy double blanket for rough use. Excellent as a "bottom blanket" or "bed roll." Color dark blue, fancy trimmed. Size, 60x72; weight, 5¼ lbs. 3.25

GENUINE "MACKINAW" BLANKETING.

The very best grade. Made expressly for us. Makes a strong, heavy blanket. Very warm and exceedingly tough and durable. Pure wool, hard twisted and very closely woven. Weighs 2¼ lbs. to the yard, 56 in. wide. Colors, scarlet and gentian blue. Per yard 2.50

QUILTS.

Best grade eiderdown. Size, 70x80; weight, 5 lbs. $18.40

Down. Size, 70x78; weight, 4 lbs., 6 oz. 8.50

PILLOWS.

For Sleeping Bags, Air Bed and Camp Cots.

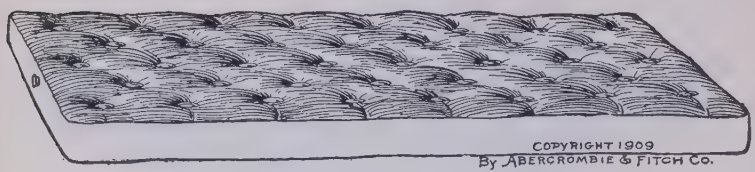
Best goose feathers, size 17x26, Khaki covered, weight, 2¾ lbs. $4.00

Air pillow, size 11x16, Khaki covered, weight, ¾ lbs. 2.75

Air pillow, size 16x21; weight, 1¼ lbs. 3.50

Air pillow, size 17x26; weight, 1¾ lbs. 4.00

AIR MATTRESSES.



No one who has not experienced the luxurious comfort of these mattresses can have the least conception of the really perfect bed. The extra weight and slight effort required for inflation is repaid a hundred fold in their absolute ease and restfulness. After a long hike afoot or a hard day in the saddle one is grateful for the quiet, refreshing sleep which they afford. They are an immense advantage also as a time saver, for the traveler need not waste precious hours hunting up browse for his "bough bed," but simply unrolls his air mattress, which is easily inflated by the lungs, and your bed is ready. Again, it makes no difference where or how your camp is pitched, the air bed means protection and perfect comfort, whether it be laid on a rock-pile or in a wet and boggy swamp. For travelling through a rough or swampy country and for mountain work they are absolutely necessary if one must have restful sleep. On shipboard they are invaluable as being vermin-proof and form beside an ever ready life raft.

They are especially desirable for use on automobile tours, either when camping in the open or for use in wayside hotels where the beds are oftimes "rocky." Used in connection with our sleeping bags in "combination" form, they make the ideal bed for campers' use and we recommend the latter form, as the very best portable bed to be had. In cold weather they should be well insulated between the bed and sleeper with heavy felt or a folded quilt or blanket, as the warmth of the body is not sufficient to neutralize the dead-air space below. They are very carefully made from a high grade of rubber, strongly stayed and reinforced, and covered with a removable and washable Khaki slip. For yacht use we furnish with a life-line on all four sides.

No. 1, size 6 ft. 3 in. by 2 ft. 1 in. Weighs 9 lbs. Price	$21.00
No. 2, size 6 ft. 3 in. by 2 ft. 8 in. Weighs 10 lbs. Price	24.00
No. 3, size 6 ft. 3 in. by 3 ft. 0 in. Weighs 11 lbs. Price	27.00
Made in "combination" style for use with sleeping bag, extra	.50
Yacht style, with life lines, extra	1.00
With air pillow attached to inflate separately, extra	3.00
Brass pump, automobile style, weight, 2¼ lbs	1.50
Foot bellows pump, very quick and powerful, weight, 5¾ lbs	5.00

See page 55 for prices on separate pillows.

Special shapes and sizes made to order.

HAMMOCKS, HIGHEST QUALITY.

Beautifully made and carefully finished throughout.

No. 73 X. Large sleeping hammock, safe and comfortable. Made of fine, hard-spun material and very durable. Size of bed, 50x90. Colors, yellow, red striped, red, white striped, white. Best model for outdoor sleeping. Price $4.20

No. 403. Flat hammock with spreaders and pillow. Deep side valances, fringed. Made of close woven cotton. Size of bed, 35x78. Fancy weave, red, blue or yellow..... 1.50

No. 415. Flat hammock with spreaders and throw-back pillow. Deep side valances, fringed. Fine material, heavy weave. Size of bed, 36x82. Fancy twilled stripes on red ground..... 3.00

No. 306. Flat hammock with spreaders and throw-back pillow. Heavy double-faced material. Divided suspension. Extra wide valances, warp-end finish. Design is genuine Navajo pattern, richly colored. Size, 90x42 in. 8.50

HAMMOCK COUCHES.

The best and most comfortable porch hammock made. Valance, which is very deep, may be raised either or both sides as a wind screen or for seclusion. Made with rustproof wire mattress, heavily upholstered. Adjustable suspension rings. Has pockets both sides for books, fancy work, etc. Perfectly flat, rigid frame and very strong.

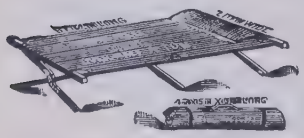
No. 341 Very heavy canvas-woven material. Colors, solid red, white or yellow. Valances finished with tapestry design in red and yellow. Long, heavy fringe. Concealed spreaders. Size of bed, 72x30. Rope suspension..... $10.00

No. 5341 Reversible. Same size and design as No. 341, but may be used either side. One side has a cool, smooth surface. The other has wire mattress with 5-inch, fine upholstered cushion. Excellent for sleeping out of doors. Colors, solid red, yellow or white. Valances finished with handsome Jacquard design in red and yellow. Size, 30x72. Rope suspension..... 15.00

Detachable wind shield, extra..... 3.00

FOLDING CAMP BEDS.

GOLD MEDAL—THE BEST CAMP BED MADE.



No. 50 Gold Medal wide cot bed is a luxury and the strongest and best made. The frame is of rock elm and the joints of steel, covered with extra heavy canvas. Opened it is a full length, easy, elastic and comfortable bed, 6½ ft. long, 3 ft. wide and 1½ ft. high, and can be folded in a few seconds to a compact package 6x6 in. by 3 ft. 2 in. long.

No. 50, weight, 20 lbs. ..... Price, $4.50

No. 1 Gold Medal is made after the manner of above. Strong and serviceable, but smaller and lighter. When open it is 6 ft. 2 in. long, 2 ft. 1 in. wide and 1 ft. high, and when closed, 4x5 ins. by 3 ft.

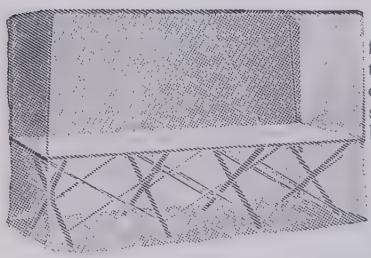
No. 1, weighs 16 lbs. ..... Price $2.25

The **"Hard"** Cot is an exact copy of the Gold Medal No. 1, but not so strong or well made. Price, $1.93.

"The Handy" cot bed differs in construction from the above beds as cut will show. The frame is open like a "lazy tongs" and the canvas top hooked on. When opened the length is 6 ft. 4 in., the width is 2 ft. 6 in. and the height 1 ft. 8 in. Closed, 5x7x34 in.

No. C, weight, 15 lbs ..... Price, $2.50

MOSQUITO BARS.



The cot-beds we carry can be fitted with a frame at head and foot to support a mosquito or insect shield or bar. When ordering be sure and specify the name and number of the bed, because the set of frames differ.

Frames for No. 50 weigh 3 lbs. Price, $1.25.

Frames for No. 1, weigh 2¾ lbs. Price, $1.00.

Frames for "The Handy" weigh 2¼ lbs. Price, 75 cents.

Mosquito bars of mosquito netting for any of above, price, $1.25.

Mosquito bars of cheese cloth for any of above, price, $3.50.

Mosquito bars of bobbinet for any of above, price, $6.00.

"GOLD MEDAL" FOLDING CAMP CHAIRS.

No. 3.

Chair may be folded and carried as easily as an umbrella. It is strong enough for the heaviest man, and comfortable for all, adjusting itself perfectly to the body and affording a better rest than any other chair made. Size, folded, 3 ft. long by 3 in. square.

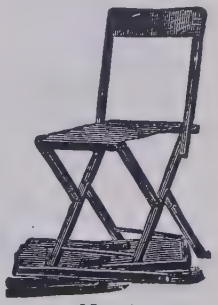
No. 3. Weighs 4½ lbs. Price, $1.25.

No. 4. The same as No. 3, with extra high back, weight, 6¼ lbs. Price, $1.50

FOLDING LAWN STOOL.

This stool is similar to our Camp Stool, with the addition of a comfortable back. It also folds into a small space and for numerous uses is unequalled.

Weighs 3½ lbs.
Price, 60 cents.



No. 6

No. 5.

FOLDING CAMP STOOL.

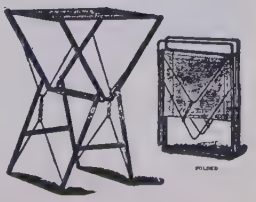
This is a strong, neat stool at a low price. It folds so compactly that a large number can be put in a small space.

Weighs 3 lbs.
Price, 40 cents.

STEEL FOLDING CAMP STOOLS.

This stool is made of steel bands and wire with canvas seat. It is the strongest and most compact stool made. When open it stands 8x12x18 inches, and folded 8x11x1½ inches.

Weighs 2½ lbs.....Price, 75 cents

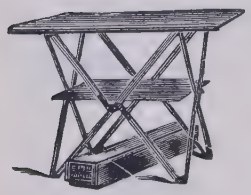


GOLD MEDAL FOLDING ARM CHAIR.

This folding arm chair is adapted for permanent camps and other places where an easy chair is wanted, and weight is not such a great consideration. Strong and substantial canvas seat and canvas back.

Weight, 14 lbs..... Price $2.25

GOLD MEDAL FOLDING CAMP TABLE.



This table is made of oil finished hardwood, with top 2 feet 3 inches wide and 3 feet 2 inches long. Will comfortably seat four persons. In use it is very strong and rigid, and when folded packs so closely as to defy breakage.

Size, folded, 3 ft. 2 in. long by 5x7 in.
Weight, 16 pounds.

No. 1, price without shelf.....$2.50
No. 2, price with shelf.....$3.00

HANDY FOLDING CAMP TABLE.

This is a table made somewhat differently than above, as cut shows. The top is made of seven layers of veneer, and will not split. When open the size is 39x26 in. top, and 28 in. high. Folded the size is 5x7x39 ins. Weighs 16 lbs.

No. 3, price without shelf.....$2.40
No. 4, price with shelf.....$2.85

ROLLING TABLE TOP AND FOLDING LEGS.

This article is made of Pantasote leather, stiffened by hard maple slats, slipped into pockets on the underneath side. The table can be set up by driving a stake into the ground at each corner, connected by pieces on which the top rests, or one can carry a set of folding legs. The top when open is 2x3 ft. and when folded is 2 ft. by 9x1 in. and only weighs 3 lbs. Larger sizes to order.

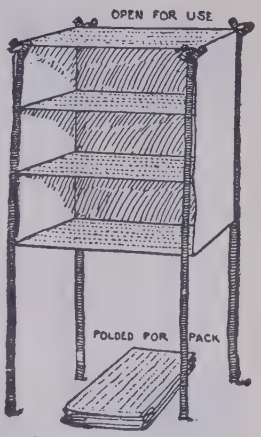
Price of Folding Legs.....$1.25
Price of Top.....$2.50

FOLDING SHELVES.

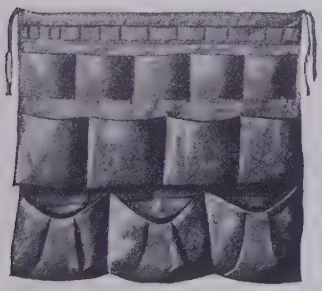
This article is made of strong, dyed canvas, the shelves are stiffened by using hard maple slats slipped into pockets on the underneath side. In use these shelves can be hung from the ridgepole of tent, from a tree or from poles set in the ground, one or two on each side as circumstances permit.

Size, open, 18x24x9 in. Folded, 18x9x1 in. Weight, 3 lbs. Price, $3.50.

Pat. in U. S. Pat. Office.



KHAKI WALL POCKET.



For holding the "little things" in camp. When moving camp it can be folded together and rolled up with contents. Can be hung up most anywhere in the tent or on forked stakes, and is a great convenience.

Twelve Full Box Pockets, 3, 9x8 in., 4, 6½x7 in., 5, 5½x4½ in., and fifteen loops at top to hold small articles.

Weight, 1 lb. Price, $1.75.

FOLDING WATER BUCKETS.

ROPE HANDLE

Capacity 3 gallons. 9 in. diameter, 12 in. high.

Brown waterproof canvas, weight 8 oz., price, 50 cents

"DUPLEX" FOLDING BUCKETS.

Japanned steel frames with canvas sides and Pantasote bottoms. Regular bail handle.

Capacity 10 quarts, weight 1½ lbs. Price . . . $1.50

Capacity, 12 quarts, weight 2 lbs. Price. . . 1.75.

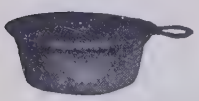
FOLDING WASH BASINS.

Capacity, 1 gallon. 12 in. diameter, 3 in. deep. Brown canvas. Weight 7 oz.
Price, 50 cents.

CANOE AND AUTO BUCKET.

Made with spout for facility in pouring. Made also for canoeists without spout. Both tie at top to prevent slopping. Capacity, 2½ gallons.
Brown canvas Auto bucket, with spout.
Weight, 12 oz. Price.....85 cents
Brown canvas Canoe bucket, no spout.
Weight, 10 oz. Price.....67 cents

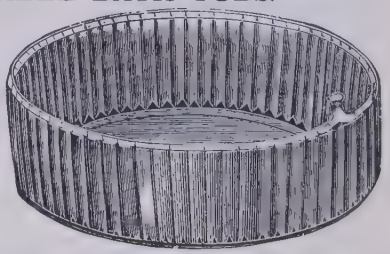
RUBBER CHAMBER.



Light, clean and sanitary. Made of best quality red rubber with stiff rim and ring handle. Folds up perfectly flat. 8½ in. wide, 3 in. deep. Weight, 7 oz. Packed in cloth case. Price, $1.50.

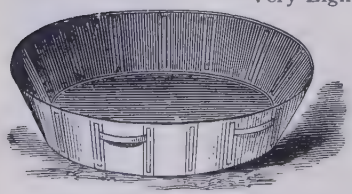
RUBBER INFLATABLE BATH TUBS.

Inflatable, Oval, size 20x 25 in.; weight, 4¾ oz. Each..... $8.15
Inflatable, Round, size 24 in. diameter; weight, 5¼ oz. Each..... 10.30
Inflatable, Round, size 34 in. diameter; weight, 7 oz. Each..... 15.65

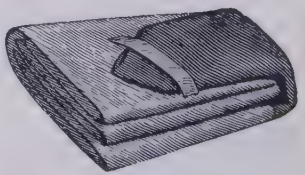


ENGLISH RUBBER BATH TUBS.

Very Light and Compact.



Open



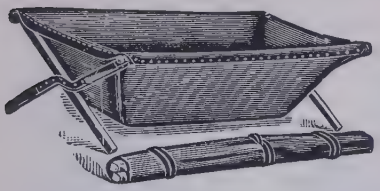
Closed

16 in. diameter, weight 2 lbs. Price.....$5.35
24 in. diameter, weight 2¾ lbs. Price..... 8.50

RUBBER SPONGE BAGS.

Size, 7x8 in.; price, 20c. Size, 9x10 in.; price, 25c. Size, 11x12 in.; price, 30c.

FOLDING CAMP BATH TUBS.



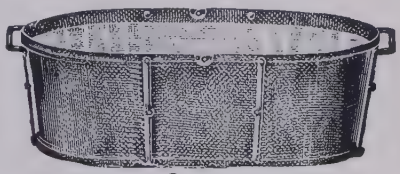
The frame is of hard wood, nicely finished, and so constructed as to stand firmly and is kept in the same position, no matter what weight the tub contains. Tub made of very closely woven duck, rubber coated. The tub is not suspended, but rests on the ground its entire length. Top is 5 feet long, 27 inches wide, 16 inches deep; 5 feet long by 5 inches square when folded; weight, 16 lbs. Price, $8.50.

"DUPLEX" FOLDING BATH TUBS.

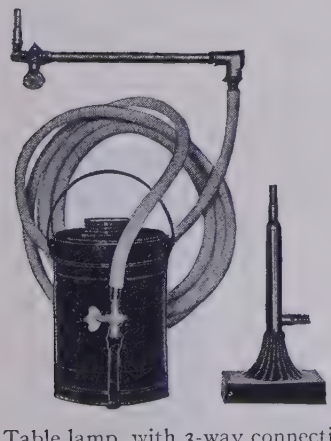
Japanned steel frames. Brown canvas and Pantasote.

ROUND—Diameter, 25 in.; depth, 9½ in.; weight, 4¾ lbs. Price $5.00

OVAL—28 in. long, 16 in. wide, 9½ in. deep; weight, 4½ lbs. Price 6.00



Open.



CAMP LIGHTING OUTFIT.

Acetylene Gas.

An absolutely safe and practical apparatus. Simple to handle and the ideal method of lighting permanent camps, houseboats, portable houses, etc. Gives clear, powerful light for 4 hours without recharging. Outfit consists of generator, bracket light for use on tent pole or wall, 12 feet rubber tubing. Packed in wooden box, size 7x7x9 inches. Full directions for operation with each outfit. Weight, 5¼ lbs. Price, $4.45.

Table lamp, with 3-way connection; weight 24 oz. ..... $ .75

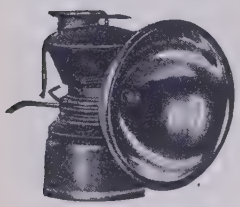
Extra rubber tubing for use with above outfit; per foot ..... .10

Carbide, special for this generator, in 10-lb cans; per can ..... .75

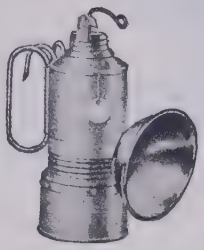
Prices on larger generators quoted upon request.

ACETYLENE GAS LAMPS.

Made on an Entirely New Principal of Construction. Strongly Recommended and Absolutely Safe.



Button Hole Lamp.



Pocket or Hand Lamp

Simple to operate and perfectly safe. No smoke, no soot, no grease, no trouble. They have a vast advantage over kerosene or other oil lamps in that the carbide is of far less bulk and is easily and safely carried. A bursted can of carbide is nothing —a leaky can of kerosene means a ruined outfit. The light is very steady and brilliant and under perfect control.

The principle of construction in these lamps is simplicity itself, and they are very strongly made. There are no delicate parts to break, no "do-funnys" to balk and get out of order, and no bothersome valves.

Its operation is as follows: Unscrew the bottom, or carbide container, fill about half full of "quarter-inch" carbide, and screw on tight. Open filler cap on top and fill with water—the lamp is then ready to light. The extra bottoms or containers, which have screw covers, are intended to carry an extra supply of carbide in the pocket for quick replenishing. When carbide in lamp is exhausted the container is removed and the fresh one inserted. The contents of dead container are emptied and the cover screwed on, keeping the pack or pockets clean.

BUTTON HOLE LAMP.

This is a little jewel for the camper, the canoeist and the miner. Carries safely in the pocket, ready for use. Carbide container changed in 5 seconds. Unaffected by wind or rain. When in use can be carried in the hand, on the hat, on the belt, slipped in a button hole, or mounted on the bow of a canoe. Gives a very powerful, intense light and will burn 4 hours on charge of $1\frac{3}{4}$ ozs. of carbide. Each lamp fitted with extra carbide container, 2 cleaners, extra tip, washer, and two reflectors—one spreading, one concentrating. Made of brass.

Height, $3\frac{1}{2}$ inches; weight, $3\frac{1}{2}$ ounces. Price.....$1.00

POCKET OR HAND LAMP.

A most convenient lamp for general use. Will not blow out or jar out. Can be carried in the hand or on the belt. Excellent for use over rough trails or for canoeing in bad waters. Stuck in a tree or on a stake, it makes a fine camp light. Burns 6 hours on charge of 3 ozs. of carbide. Will throw powerful light 50 feet. Each lamp fitted with extra carbide container for quick changing and two reflectors—one spreading, one concentrating. Brass and galvanized metal.

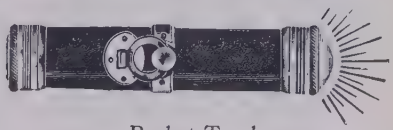
Height, 7 inches; weight, 10 ozs. Price.....$2.00

CARBIDE FOR ACETYLENE LAMPS.

1 pound in screw-top tin can..... 10c.
2 pounds in screw-top tin can..... 20c.
5 pounds in friction-top tin can, with handle..... 45c.

ELECTRIC POCKET LIGHTS.

Pocket Flash



Vest Pocket Flash. Pocket Torch.

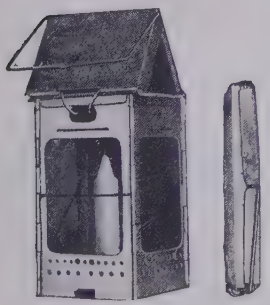
We strongly recommend the "Tungsten" burners. They are more powerful and the batteries last considerably longer.

No. 1. Vest Pocket. Size, $3\frac{1}{2}$x$2\frac{1}{2}$x1. Regular burner. Weight, 7 ozs..... $ .85
No. 2. Vest Pocket, Size, $3\frac{1}{2}$x1$\frac{7}{8}$x1. "Tungsten" burner. Weight, 7 ozs..... 1.25
Pocket Flash. Fine hard fibre case. Very powerful. Size, 5x$1\frac{1}{4}$. "Tungsten" burner. Weight, $5\frac{1}{2}$ ozs..... 1.50
Pocket Torch. Fine hard fibre case. Throws large ray of light. Has locking contact for permanent light if desired. "Tungsten" burner. Size, $6\frac{1}{2}$x$1\frac{1}{2}$. Weight, 12 ozs..... 2.00

EXTRA BATTERIES.

No. 1, 20c. No. 2, 25c. Pocket Flash, 25c. Pocket Torch, 25c. Extra Burners for No. 1, 25c. "Tungsten" Burners, 50c.

FOLDING CANDLE LANTERN—AUTOMATIC.



An ideal lantern for campers. Simple, light and compact. Folds flat and carries in the pack or pocket. All parts connected—nothing to get lost or mislaid. Set up ready for use in a moment. Size, open, 10x$4\frac{1}{4}$x4 in. Size, folded, $7\frac{1}{2}$x$4\frac{1}{2}$x$\frac{3}{4}$ in.

Made with reflecting back and slot for hanging. Adopted by United States Army.

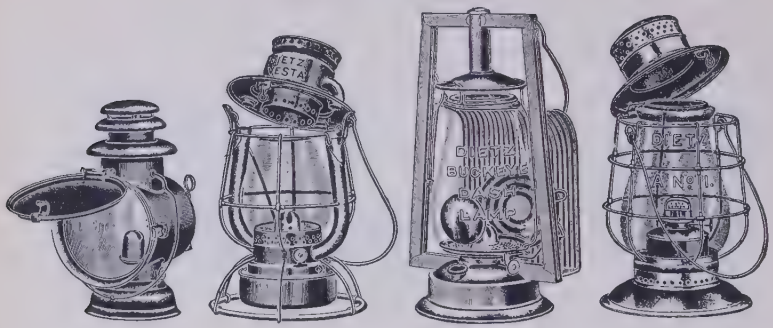
Aluminum, weight, 9 ozs..... $2.50
Brass, weight, 19 ozs..... 2.50
Tin, weight, 16 ozs..... 1.50
Extra Mica Slides....Price, each,.... 10c.

CANDLES.

For use in above lanterns and the best for all purposes. Special hydraulic pressed—will not soften from heat, are odorless and will not drip.

No. 1. Length, 4 inches. Diameter, $\frac{7}{8}$.....Price, per dozen, $ .20
No. 2. Length, 4 inches. Diameter, $1\frac{1}{8}$.....Price, per dozen, $ .35

LANTERNS.



Hunting Camp. Driving. Combination.

HUNTING LAMP.

A new lamp of special make. The best for locating game at night for purposes of photographing, or traveling at night by foot, canoe or wagon. The hinged hood operates noiselessly and when closed allows no light to escape. Has spring dash-clip for use as a driving lamp, a handle for the hand, and may also be used as a wall lamp. Removable aluminum reflector which will not tarnish. Burns kerosene and with regular lens gives a light of 30 candle power. With projecting lens throws a powerful beam of 70 candle power. "Cold Blast" burner. Oil capacity, 10 hours. Finished in black Japan.

Height, 11¼ inches; weight, 21 ozs. Regular lens.....$4.00
With projecting lens..... 4.50

CAMP LANTERN.

A most excellent model for camp, boat and general use. Adopted by the United States Army. Made with tubular frame and skeleton bottom. Guarded globe. Hinged top. Strong and durable. Fount locks with bayonet catch. Burns kerosene. Oil capacity, 16 hours. Four candle power light. Bright tin finish.

Height, 11 inches; weight, 41 ozs. Price.....$1.25

DRIVING LANTERN.

Made especially for driving and the most popular "dash" lamp in the market. A very good camp lantern also. Has corrugated reflector and bulls-eye lens. Fitted with spring clip and handle and has side lever for raising globe. Burns kerosene. Twelve candle power light. Oil capacity, 19 hours. Blue Japan finish.

Height, 13 inches; weight, 19 ozs. Price.....$ .75

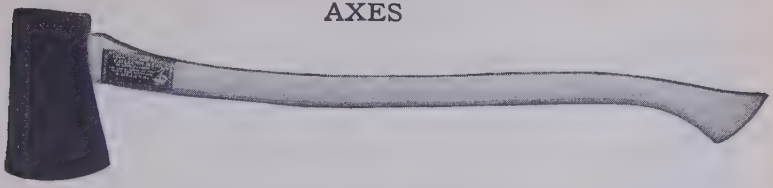
COMBINATION LANTERN.

Burns Kerosene, Signal Oil or Candles.

A satisfactory all-around lantern. Double-guarded globe, bail handle, spring top. Spring-clip oil fount, capacity, 15 hours. Fitted with extra burner for signal oil and candle holder. Two candle power light. Bright tin finish.

Height, 10¾ inches; weight, 31 ozs. Price.....$ .50

AXES



A good axe is one of the main requisites of a good camp and care should be exercised in its selection. We have given a great deal of attention to our axes and those we offer cannot be improved upon for quality and general utility. They are made expressly for us, on patterns devised by ourselves, and of the very best materials. Ebonite finish.

"A. & F." AXE.

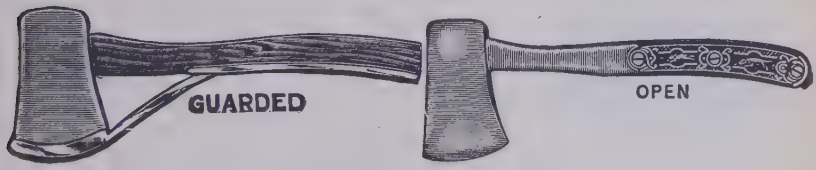
Quarter axe, 19-inch handle; weight, 2 lbs. Price..... $ .67
Half axe, 24-inch handle; weight, 2½ lbs. Price..... .76
Three-quarter axe, 28-inch handle; weight, 3 lbs. Price..... .85
Full axe, 36-inch handle; weight, 5 lbs. Price..... 1.00
Leather sheaths for quarter, half and three-quarter axes; weight, 4 oz. Price..... .75
Leather sheaths for full axe; weight, 8 oz. Price..... 1.00

HUNTERS' HATCHETS OR BELT AXES.

Of the same quality as our "A & F." axes, but with different pattern handle. The very best axe of the kind made.

Hunter's model, 14-inch handle; weight, 1½ lbs. Price..... $ .75
Trappers' model, 17-inch handle; weight, 2 lbs. Price..... .75
Leather sheaths, with belt loop; weight, 4 oz. Price..... .75
Pocket axe stones, quick sharpening; weight, 3½ oz. Price..... .25

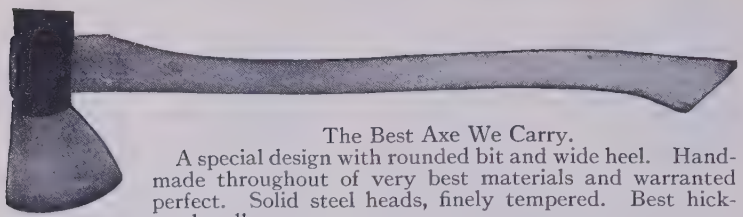
MARBLE'S SAFETY POCKET AXES.



With Folding Spring Guard.

No. 6. Steel head, with welded steel bit; 12-inch hickory handle weight, 20 oz. Price..... $1.35
No. 2. Solid steel head; metal handle, hard rubber side-plates, 11-inch handle; weight, 21 oz. Price..... 2.25

"HUDSON BAY" AXE.

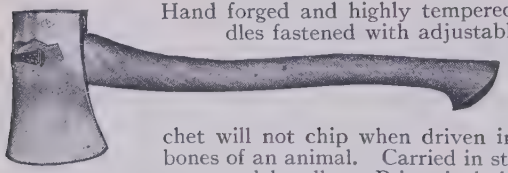


The Best Axe We Carry.

A special design with rounded bit and wide heel. Handmade throughout of very best materials and warranted perfect. Solid steel heads, finely tempered. Best hickory handles.

No. 0.	18-inch handle; weight, 2 lbs. ..... Price,	$1.75
No. 1.	24-inch handle; weight, 2 lbs., 2 ozs.	2.00
Axe sheaths for above, weight, 5 ozs		1.00

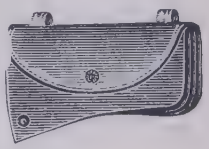
"DAMASCUS" AXES AND HATCHETS.



Hand forged and highly tempered. Thin blades. Handles fastened with adjustable fastener, which holds the head tight. In the head is a hole and slot for pulling nails. This hatchet will not chip when driven into frozen wood or the bones of an animal. Carried in stock with either straight or curved handles. Prices include Carrying Sheath.

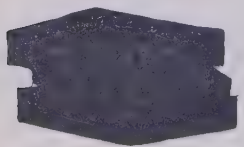
No. 16.	16-in. handle; weight, 27 ozs. ..... Price,	$2.50
No. 20.	20-in. handle; weight, 32 ozs.	2.50
No. 24.	24-in. handle; weight, 34 ozs.	2.50

AXE SHEATH.



A perfectly safe method of carrying even the sharpest axe. Hand made from fine quality heavy leather sewed and riveted. Has loops for carrying on belt and flap fastens with snap-button.

For quarter, half and three-quarter axes and hatchets; weight, 4 ozs.	$ .75
For full axe (has shoulder strap attached); weight, 8 ozs	1.00



POCKET AXE STONES.

Very best make and extra quick sharpening. For rough, quick work we recommend the Carborundum, but where a smooth, keen edge is desired the India stone is best.

No. 1.	Carborundum, $2\frac{1}{2}$x$2\frac{1}{2}$x$\frac{1}{2}$ in.; weight, $3\frac{1}{2}$ oz. Price.	$ .25
No. 2.	Carborundum Combination, 4x1x$\frac{1}{2}$ in.; weight 2 oz. One side smooth, the other rough; in leather case.	.75
No. 3.	India, 3x1$\frac{1}{2}$x$\frac{1}{2}$ in.; weight, $3\frac{1}{2}$ oz.	.25
No. 4.	India Combination, 3x1$\frac{3}{8}$x7-16 in.; weight, 3 oz. One side rough, the other smooth. In leather case.	.50

MACHETES.

The very best implement for clearing up around camp and cutting out brush and small stuff. Unequaled as a general utility tool.
28 in. long, weight, 1½ lbs.....$1.00 Leather sheath.....$ .70

BRUSH KNIFE.

An excellent camp implement. Used in same manner as a small hatchet, for clearing out trails, traveling through swamps, canebrakes, etc. 10-in. blade; weight, 22 oz. With fine sheath. Price.....$3.50

PROSPECTOR'S PICK.

The pick generally used by miners and explorers in prospecting.
Weight, 3¾ lbs. Price, complete with handle.....$1.00

GEOLOGICAL HAMMER.

A combination pick and hammer, used by geologists and scientists.
Made of very best steel.
No. 1. 13-in. handle; weight 1¾ lbs. Price $1.00
No. 2. 10-in. handle; weight, 1 lb. Price .85
Leather sheath, to strap on; weight, 4 oz. .75

SAFETY SAW.

The saw blade folds into the handle and is held in place by an inside clasp.
Blade 8 inches long. Weight, 4 ounces. Price.....$ .90

MINER'S WASH PAN.

Made of stamped steel and polished inside. 16½ x2½ inches. Weight, 20 oz. Price, 30 cents.

THE "GALLATIN" TOOL KIT.

This most excellent little kit should find its place in every sportsman's equipment. There are a thousand different ways in which it "comes in handy" in camp or en-voyage. Contains 26 different tools for practical use. Handle or stock is fitted with spring catch in which tools are inserted and locked. Put up in neat brown waterproof canvas tool roll. Size, 7x 2½ in.; weight, 23 oz. Best steel tools.....$6.70

COMBINATION TOOL HAFT.

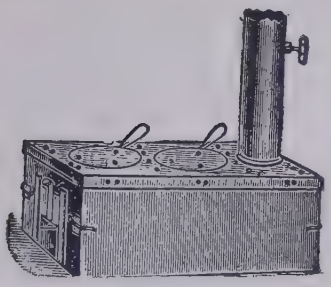
A very useful and handy addition to your kit. Contains twelve steel tools for handy use; 4 inches long; weight, 4 oz. Price, 75 cents.

COMBINATION TOOL SET.

Consists of a good strong single-bladed knife, and where an extra blade would ordinarily be there is inserted any one of the tools shown in the cut; screw driver, chisel, awl, saw, reamer or file, which lock into the handle. In neat leather case. Weight, 5½ ounces. Price..... $1.75

CAMP REPAIR KIT.

Contains two spools of assorted brass wire, ball of twine, box of assorted nails and tacks, oil stone, file, piece of emery cloth, pincers, tool haft, with awls, stick of cement, gun grease and cleaning cloth. Packed in strong bag. Weight, 2 lbs. Price, $2.00



FOLDING CAMP STOVES.

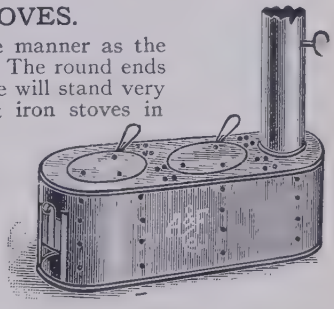
This stove is most useful and convenient where space has to be considered in packing. Folds up 1 in. thick. It is made of sheet steel, all edges wired and thoroughly braced. The lids are sheet steel with rim wired so that a handle is formed, which makes the stove lighter than with cast iron lids. Each stove supplied with five lengths of two foot telescopic pipe, with adjustable spring damper and sliding draught door. For oven we supply aluminum bakers (see page 136), which bake and roast perfectly against the side of stove.

Stoves are regularly made without bottom, but we furnish a bottom with legs if desired at extra cost of $2.50.

No. AA. Size, 10x12x18; one hole; weight, 16 lbs. Price.....	$5.75
No. A. Size 10x12x26; two holes, weight, 18½ lbs. Price.....	6.00
No. B. Size 10x12x31; two holes, weight, 20 lbs. Price.....	6.75
No. C. Size, 10x12x36; three holes; weight, 22 lbs. Price.....	7.50
Canvas case for stove and pipe. Extra.....	1.00

BOX CAMP STOVES.

Made of same material and in same manner as the folding stoves and strongly reinforced. The round ends add stiffness and stability and this stove will stand very rough usage. Much superior to sheet iron stoves in every way. In packing, the cooking outfit, etc., goes inside the stove. Fitted with five lengths telescopic pipe, adjustable damper, lids and sliding draught door. Regular stove has no bottom.



No. AAB. Size, 10x12x18; one hole weight, 15 lbs. Price....$4.75

No. AB. Size, 10x12x26; two holes; weight, 17½ lbs. Price.....	$5.00
No. BB. Size, 10x12x31; two holes; weight, 19 lbs. Price.....	5.75
No. CB. Size, 10x12x36; three holes; weight, 21 lbs. Price....	6.50
Fitted with bottom and legs; weight, 7 to 12 lbs. Extra.....	2.50
Canvas case for stove and pipe. Extra.....	1.00

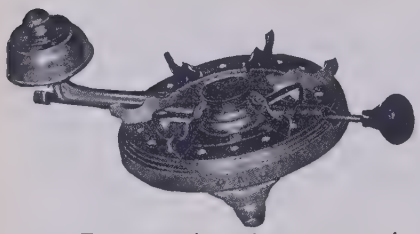
SPARK ARRESTER.

For use with our folding, box and tent stoves. Telescopes with the pipe. Weight, 12 oz. Price..... $ .75

STOVEPIPE BRUSH.

For cleaning out soot. Carries within the pipe. Weight, 3 oz. $ .25

THE "AYANEFCO" ALCOHOL GAS STOVES.



These stoves, which are of a special make, designed by and made for us exclusively, are positively the very best and most satisfactory stoves on the market. They are made of hard brass throughout, which will not rust or break, and beautifully finished in bright nickel plate. For convenience in transportation they are made very light, have short legs and short handle, and reservoir and handle unscrew for packing. They are fitted with a new and much improved form of burner and vaporizer, which gives, under absolute control, a very powerful flame.

With this burner the flame can be regulated to a nicety and absolutely even heat maintained as desired. The feed is by gravity, there is no wick or pump to give trouble, and the valve and burner will not clog, and requires no cleaning. Its operation is simplicity itself. The valve is opened and a small amount of alcohol allowed to run into the burner pan. Valve is then closed and alcohol ignited. In a moment the vaporizer is heated sufficiently to generate gas, when the valve is reopened and the flame adjusted at pleasure. It is absolutely and positively safe, guaranteed perfect, and the lightest stove of the kind made. It is clean to handle, there is no soot, no grease, no odor, and it does not smut the finest utensils.

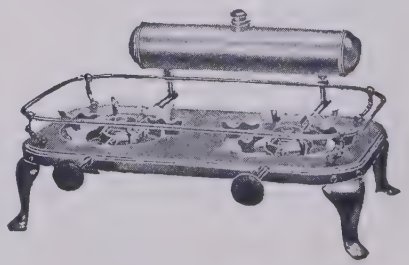
Single burner, weight, 2¼ lbs. ..... Price	$5.00
Double burner, weight, 5 lbs., 14 ozs.	10.75
Wind-shield, for single burner, nickel plated, weight 7 ozs	1.50
Indestructible automobile case for single burner	1.75

YACHT STOVES.

Made of galvanized steel, and legs have holes for screwing down. Fitted with brass rails to prevent pots sliding. All nuts, reservoir, fittings, etc., of brass—nothing to rust.

Single burner, weight, 3¼ lbs.; holds 1½ pints ..... Price, $4.90

Double burner, weight 13½ lbs.; holds 2 quarts ..... Price 9.40



DENATURED ALCOHOL.

For use in all alcohol stoves and lamps.

1 gal. can, $1.05. 3 gal. can, $2.40. 5 gal. can, $3.50.

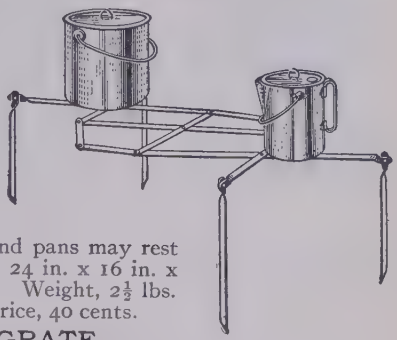
TRAVELER'S COMPANION.

Made of aluminum, with asbestos burner, for alcohol. Pan has folding handles, and when not in use, lamp and stand pack into the pan. $2\frac{1}{2}$ in. high, 3 in. diameter; weight, 5 oz. Price, $1.50

ALCOHOL COOKER.

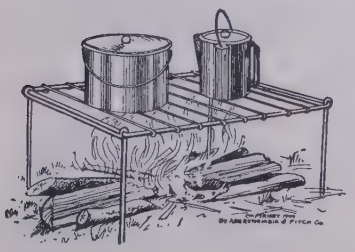
Useful and convenient in the home, when traveling, and in camp. When packed, stand, lamp and handle fit inside the pan. Fitted with adjustable burner, and will burn about three hours. Cap prevents evaporation of alcohol. Strongly made and finished in nickel-plate. Ebonized handle. Size packed, $5\frac{1}{2}$x$4\frac{1}{4}$ inches. Weight, $\frac{3}{4}$ lbs. Price, $5.00.

FOLDING CAMP GRATE.



Made on the principle of a "lazy tongs" and requires no side logs for support. The height from the fire may be reduced by driving legs into the ground. Strongly made of machine steel, well riveted and folds up snugly. Several pots and pans may rest securely upon it. Size extended, 24 in. x 16 in. x 10 in. high; folded, 15 in. x 1 in. Weight, $2\frac{1}{2}$ lbs. Price, $2.00. Canvas Bag, price, 40 cents.

"ARIZONA" CAMP GRATE.

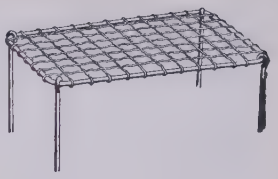


A most serviceable article for camp cooking of all kinds, and especially for broiling. The frame is very rigid and, next to a stove, is the best portable support for pots, pans, etc. Folds up perfectly flat when not in use, and carries with the folding baker. Made of strong steel rods, heavily tinned, and will last a lifetime.

No. 1 Size, $14\frac{1}{2}$x$10\frac{3}{8}$ in.; weight, $2\frac{1}{2}$ lbs. Price... $ .60

No. 2. Size, $24\frac{3}{4}$x$12\frac{1}{4}$ in.; weight, 4 lbs., 6 oz. Price .85

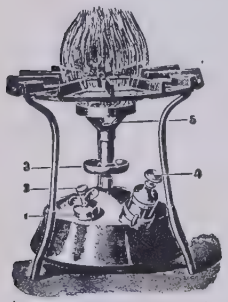
SACKETT'S CAMP BROILER.



A handy little broiler or standard for camp or picnic use. Light, strong and compact. Folds perfectly flat and carries handily with folding baker. Made of strong wire, well tinned.

Size, 9x14 in.; weight, 26 oz. Price, $ .50

"THE JUWEL" KEROSENE BURNER.



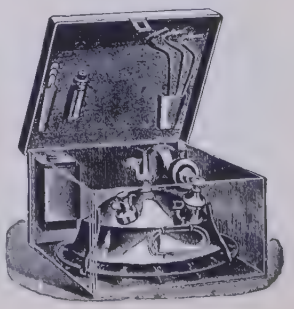
Recommended for use in the arctic regions and above timber line, and where firewood is scarce.

The most satisfactory kerosene oil gas stove in the market. Its particular merit is simplicity of design and operation, in which the faults common to other types of kerosene stoves have been obviated.

The flame is controlled entirely by air pressure, without the use of a needle valve. Reservoir has a capacity of three pints, and will burn 9 hours, giving a heat approximating 2600 degrees Fahrenheit. Any grade of kerosene is used, and explosion is impossible, as gas generated in the burner (entirely separated from reservoir) is consumed as fast as produced. Combustion is perfect, resulting in an intense, blue flame with no odor, smoke or soot. A radiating drum is provided for heating and may also be used as a container for carrying the burner, stand and a one-gallon oil can.

Brass burner and stand, weight, 3½ lbs. Price	$4.00
Radiating drum, weight, 1¾ lbs.	1.00
Gallon oil can, weight, ¾ lb	.50
Canvas cover, weight, ¼ lb.	1.00

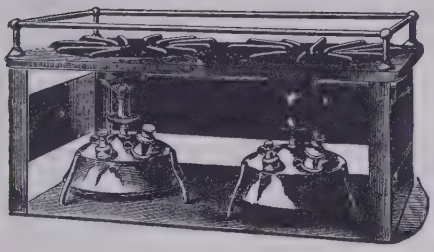
JUWEL STOVE IN CASE.



For convenience in carrying, we have designed a metal case, nicely japanned, in which the stove may be compactly fitted. The burner is removed from reservoir and a brass plug substituted, allowing the stove to be transported without emptying the oil. A can for alcohol is carried in the case, and spaces are arranged for the uprights and extra parts.

Case complete, with stove, size, 9x9x5½ inches; weight, 5½ lbs. Price, $5.25.

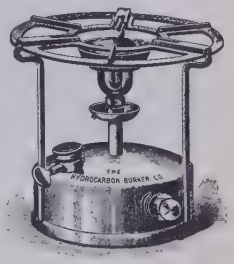
JUWEL YACHT STOVE.



This illustrates the two burner JUWEL stove which is one of the most useful, convenient, compact and economical oil stoves made. The frame is strongly constructed of galvanized iron with a brass rail around the top, and a pan beneath for yacht and boat use. The burners are secured to the lower pan and are readily accessible for filling and cleaning.

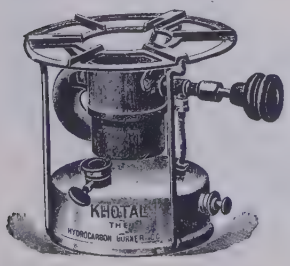
Yacht stove complete with two burners, weight, 15 lbs., 12 in. x 22 in. x 11 in. high. Price $13.00

PRIMUS BURNER.



For several years we have carried the Primus, a stove burning kerosene vapor. It consumes one-fifth of a quart of kerosene per hour and produces a heat of from 2100 to 2600 degrees Fahr. With a radiating drum it is valuable either as a cooker or as a tent heater. The stove is of brass and can be supplied with drum, gallon oil can and cover, all packing into the drum.

Burner and stand, weight, 4 lbs. Price	$3.75
Radiating drum, weight, 1¾ lbs.	1.00
Gallon Oil Can, weight, ¾ lbs	.50
Canvas Cover	1.00

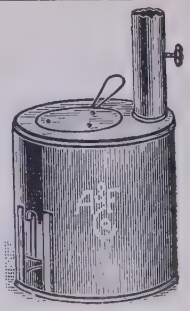


KHOTAL STOVE.

This is a kerosene vapor burning stove, working on a different principle than the Juwel or Primus. As shown in the illustration, the flame is controlled by the "needle" valve at the right. The needle valve is self-cleaning. This burner is larger than the Primus and consumes more oil with hotter flame.

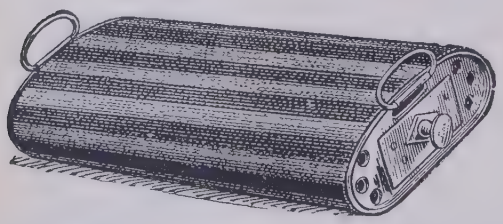
Burner and stand, weight, 4¾ lbs. Price	$3.75
Radiating drum, weight, 1¾ lbs.	1.00
Gallon Oil Can, weight, ¾ lbs	.50
Canvas Cover	1.00

TENT STOVE.



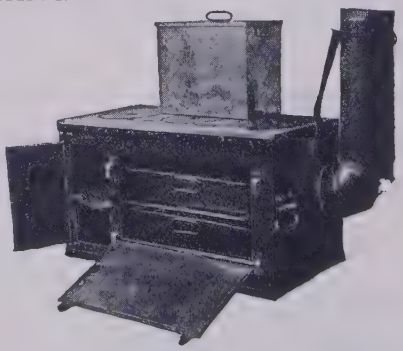
A bully little stove which makes a most satisfactory tent heater. Will heat a large tent comfortably in the coldest weather. Fire can be kept all night. Made of a size to fit over our cooking outfits in packing. Made of heavy sheet steel, 12 inches in diameter, 12 inches high. Fitted with four lengths of two-foot telescopic pipe, adjustable damper, lid and sliding draught. Can be used as a one-hole cook stove.
Weight, complete, 11 lbs. Price.....$2.65
Canvas case for same, extra..... .75

PORTABLE HEATER.



For use in carriages, autos, boats, ice-yachts, duck-blinds, etc. Burns prepared coal-bricks and gives off a steady and considerable heat. One brick burns 10 to 15 hours. No smoke, flame or gas. Bricks should be ignited before placing in the heater. Strongly made of galvanized metal, weight, 4½ lbs. Price.....$2.00
Coal-bricks, weight, 7½ lbs. to the dozen. Per dozen..... .75

CAMP RANGE.



This range is used extensively by the U. S. Army in its field service. Designed for large parties and is the best heavy portable range in the market.

Outfit consists of range, boilers, pans and four joints of pipe with elbow, all packing within the range, weighing from 52 to 290 lbs. according to size.

Body and oven plates are of No. 16 rolled sheet steel, and all casting malleable iron, a combination that defies the hard knocks incidental to transportation.

No. 4 Outfit, 8 persons; weight, 52 lbs. Price..... $16.00
No. 3 Outfit, 35 persons; weight, 140 lbs..... 24.00
No. 2 Outfit, 75 persons; weight, 195 lbs..... 33.00
No. 1 Outfit, 125 persons; weight, 290 lbs..... 37.50

CLOTHES HANGERS.

"Where can I hang my clothes?" is a question often heard in camp. This handy little contrivance will answer the question to your satisfaction. Can be clamped upon the upright tent poles.

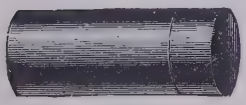
Weight, 5 ozs. Price, 30 cents.

TUBULAR MATCH BOX.

Made of two brass telescopic cylinders, placed one over the other, 10 inches long and 1½ inches in diameter. Holds 500 ordinary wooden matches. Absolutely safe and waterproof. Weight, ½ lb.

Price 75 cents.

WATERPROOF MATCH BOX.



Made of hard rubber with a screw top. Absolutely waterproof and will float if dropped overboard. With each box is supplied a perforated cap which screws inside the top so box can be used as a pepper, salt or spice sprinkler. Size, 1¼x3 in.; weight, 1 oz. Price, 50 cents.

VEST POCKET MATCH BOX.

Made of nickel plated brass, with telescoping waterproof cap. Light and handy. Length, 2¾ in.; weight, ½ oz. Price.....10 cents

FLINT AND STEEL LIGHTER.

The little machine is a perfect combination of flint, steel and tinder, and will strike fire and ignite fuse which can be used to light tobacco, fires, etc., a most excellent article for those living out of doors, for it is a great match saver.

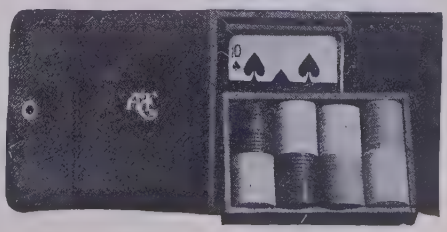
Lighter, weight, 2¼ oz. Price..... 50 cents

Fuses, weight, 1¼ oz. Per doz., Price..... 25 cents

CAMP CARD SET.

Fine silk lined leather box containing pack of best picture back, gilt edge cards and bridge whist rules. Has removable tray containing 108 assorted chips. Size, 4½x3¼x2⅛ inches.

Price, $3.50.



BERKEFELD FILTER PUMP.

The filter consists of a brass case, nickel plated, containing and protecting the filtering cylinder made of infusorial earth. This must be put in water and by a handpump attached at the side, water is forced through the filtering cylinder out through a gooseneck tube at the top yielding a continuous flow of perfectly pure water in larger or smaller quantities according to the pressure.

The army filter shown in the cut is used the world over. It weighs 3 pounds, is 14 inches high, 3 inches wide and 2 inches thick. The capacity is 1 quart per minute. Price complete, $10.00. Extra cylinder, $2.00

DRINKING CUPS.

No. 1

No. 2

Made of white rubber and fold to carry flat in the pocket. Weight, 1½ oz. Price, either style, 20 cents.

COLLAPSIBLE DRINKING CUPS.

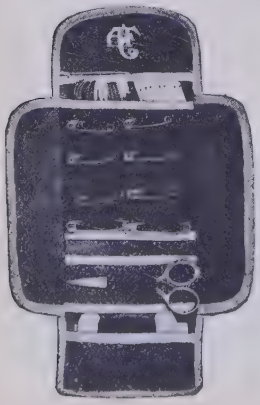
Made of aluminum and is telescoping. A very neat little cup. Size open, 2⅝x2⅝ inches; size closed, 2⅝x⅞ inches. With cover, 25 cents.

SAFETY PINS.

Made of heavy spring wire, nickel plated, well tempered; will not break.

Large size, 4 in. long. Price, per doz.....35 cents.

Small size, 3 in. long. Price, Per doz.....30 cents.



"U. S. A." SEWING KIT.

A very useful little "housewife" and gotten up in the most practical manner. Same as issued regularly to the United States Army.

Contains scissors, safety pins, pins, needles, thread, darning cotton, buttons, wax, etc. In Khaki case, bound and tied with blue tape.

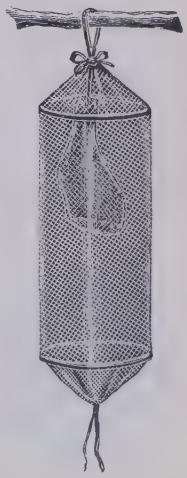
Weight, 4 oz. Price.....75 cents.

REFRIGERATOR BASKET.

This refrigerator basket is a strong, light-weight, good-looking rattan basket. Between the rattan body of the basket and the inside metal lining there is a layer of asbestos and a layer of felt. In one end of the basket there is a small compartment for holding the ice, which is easily removed, so that the little refrigerator may be kept clean. The lids and bottom are treated in the same way and a strip of heavy felt is piped all around the edge of the lids so that when they are closed down and the straps fastened across, the basket is practically air tight. The top and bottom is of wood, the lids are highly polished with oil, and the bottom is given a thick coat of the best paint to make it more durable and proof against dampness. The handles are made of the toughest wood obtainable and are securely riveted to the sides so that they may be trusted with all the weight you can get into the basket. Nothing has been overlooked to make it the most serviceable, the most convenient, and the most durable basket ever offered to the public.

No. 0.	13 in. long, 9 in. wide, 7 in. deep. Price.....	$3.00
No. 1.	18 in. long, 10 in. wide, 8 in. deep. Price.....	3.50
No. 2.	20 in. long, 13 in. wide, 10 in. deep. Price.....	3.75
De Luxe Basket, for automobiles; special finish; 25x14x10. Price		10.00

COLLAPSIBLE MEAT SAFE.



Flies, the pest of the camp and the despair of the cook, can be kept away from meat, fish and provisions by the use of this safe. Suspended in the tent, or from the limb of a tree, it affords perfect protection and yet leaves everything free to the air. Made of extra strong English bobbinet, which stands repeated washings.

Size, 36 inches long, 18 inches diameter; weight.

8 oz. Price $2.00

AIR CUSHIONS.

Double

The best and most comfortable cushion. No pumps required.

Single

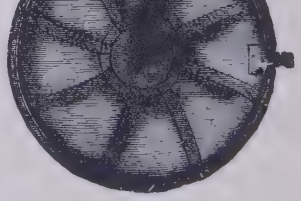
Pneumatic cushions are the only safe as well as the most practical cushions for yacht or boat use. Each cushion is a life preserver, and in case of an accident it is handy and ready for immediate use.

The double cushion forms both a seat and a back rest, and is a most convenient and comfortable form. Two of the large size make an emergency mattress. These cushions are covered with Khaki cloth and have life line attached to each; are moisture-proof, vermin-proof and odorless.

No. 0.	"Double," seat 12x12 in., back 12x12 in.; weight, 3 lbs..	$ 6.00
No. 1.	"Double," seat 15x15 in., back 15x28 in.; weight, $6\frac{3}{4}$ lbs.	10.25
No. 2.	"Double," seat 12x14 in., back 12x20 in.; weight, $4\frac{1}{2}$ lbs.	7.50
No. 3.	"Single," 12x12 in.; weight, $1\frac{1}{2}$ lbs.....	3.00
No. 4.	"Single," 12x14 in.; weight, $1\frac{5}{8}$ lbs.....	3.50
No. 5.	"Single," 12x20 in.; weight, $1\frac{7}{8}$ lbs.....	4.00
No. 6.	"Single," 12x24 in.; weight, 2 lbs.....	4.50
No. 7.	"Single," 12x15 in.; weight, $1\frac{3}{4}$ lbs.....	3.75
No. 8.	"Single," 15x15 in.; weight, $1\frac{7}{8}$ lbs.....	4.00

Covers of any material and special shapes and sizes made to order.

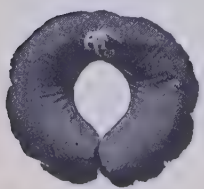
CHAIR AND BOAT CUSHIONS.



A most practical and comfortable chair cushion. Made of rubber, covered with strong tan-colored jeans, and are very durable. Excellent for porch chairs and for fishing boats, having a chair-seat.

15 in. diameter; weight, 1 lb. Price, $2.50
17 in. diameter; weight, $1\frac{1}{4}$ lbs. Price 2.85

SWIMMING COLLAR.



This combination collar and seat is a handy addition to the outfit, and its double usefulness will be readily appreciated.

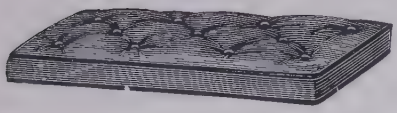
Made of rubber sheeting with a simple rubber valve by means of which the collar is inflated.

Unusually light and compact, weighs but two ounces, and when deflated it may be carried in the pocket.

Outside diameter, 13 in.; inside diameter, $5\frac{1}{2}$x$6\frac{1}{2}$ in. Price, 75 cents.

CUSHIONS.

Made to Order Only.



We make cushions for all purposes.

We use only the best materials and practice the most approved methods of manufacture. Seams between sides, top and bottom are piped, which gives the cushions a fine appearance. Cork-filled cushions are made of the best grade of cork shavings, topped with elastic cotton, which makes a smooth and comfortable top. In tufting, we use buttons to match material both top and bottom.

Cushions are measured by their greatest length and breadth, and charges made by square foot as given below. Prices are for cushions with sides, ends and tops of material quoted, and canvas bottoms. Enamel duck substituted for canvas on bottom for 5c extra per square foot.

Estimates submitted on special cushions.

Covered With	Filled with Cork Shavings	Filled with Cotton Felt	Filled with Curled Hair	Filled with "Pneumatic" Sack
Duck	$0.75	$0.80	$1.00	$1.75
Corduroy	.90	1.00	1.20	2.00
Pantasote Leather	.90	1.00	1.20	2.00
Mohair Plush	1.20	1.40	1.60	2.25
Genuine Leather	1.60	1.80	2.00	

For cushions smaller than 6 square feet add 75 cents.

AMERICAN FLAGS.

Made of the best quality of U. S. Standard Bunting.

Sewed throughout and finished in first-class manner.

Size	Each
2 x 3 ft., (13 stars)	$ .80
2 x 3 ft., regular stars.	1.15
2½ x 4 ft., (13 stars)	1.20
2½ x 4 ft., regular stars.	1.60
3 x 6 ft., regular stars.	2.30

Size.	Each.
4 x 8 ft., regular stars	$3.35
5 x 9 ft., "	4.40
6 x 10 ft., "	5.10
8 x 12 ft., "	7.65
9 x 14 ft., "	9.75
9 x 16 ft., "	11.25
10 x 18 ft., "	13.60
11 x 22 ft., "	17.85
12 x 20 ft., "	17.50
12 x 24 ft., "	21.25
15 x 25 ft., "	26.35
18 x 27 ft., "	34.00
20 x 30 ft., "	40.75

Club flags and special designs made to order.

"PETITE" TOILET CASE.

Designed especially for campers and travelers who desire a small and serviceable case at a moderate price. Case is made of black walrus hide, handsomely finished, and fitted with one best quality ebony backed military hair-brush, unbreakable rubber comb, and looking glass; has room also for tooth brush.

Size, 5x2¾x2 inches; weight, 8 oz.
Price..... $3.00

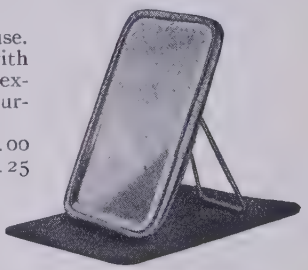
ALUMINUM POCKET COMBS.

A neat and practical little featherweight comb made in vest pocket size. Handy and convenient for traveling kits.....Each, 5 cents.

LOOKING GLASS.

The best little glass made for traveller's use. Fine beveled glass, bound in metal and with folding metal handle or stand. Makes an excellent shaving glass. Very strong and durable. Fitted with morocco slip-case.

No. 1. 3 x4⅝ in.; weight, 6 oz..... $1.00
No. 2. 3⅜x5⅔ in.; weight, 7½ oz..... 1.25



TOWELS.

A good serviceable towel for camp use. Cotton Turkish bath towels—easily washed and require no ironing. 20x40. Each, 15 cents.

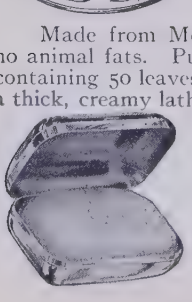
"HUNCKEDORY" SOAP.

The best hand soap made and unequalled for quickly cleansing the hands of all grease, grit and grime. Far superior to ordinary soaps in every way. Contains no injurious ingredients and positively will not injure the most delicate skin.

In cans, weight, 9½ oz.....Price, 10 cents.
In cakes, weight, 7 oz.....10 cents.

MEXICAN SOAP TABLETS.

Made from Mexican "soap-root," is purely vegetable and contains no animal fats. Put up in book form, size 2x4 inches, and ¼ inch thick, containing 50 leaves. Simply pull out a leaf, rub between wet hands and a thick, creamy lather is at once formed. Price, each, 10c.



"JERSEY CREAM" TRAVELER'S SOAP.

Of the famous "Williams" make. For the convenience of travellers, this soap is now put up in a strong hinged metal box, handsomely nickeled, making it most handy for the tourist's kit.

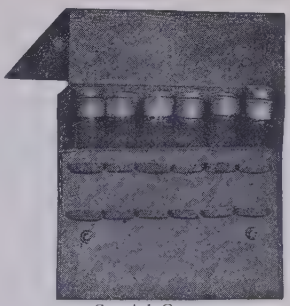
Size, 3⅛x2¼x1½ inches; weight, 6 oz. Price, 35c.

MEDICINE CASES.

The medicine kit should provide, so far as is possible, against such ills and accidents as may befall, and a well appointed kit should be included in every outfit. Even in the hands of the inexperienced the administration of some standard remedy will often avert a serious illness.

Made of fine sole leather. Bottles do not touch each other. Fitted with corked and screw-top glass medicine vials.

No. 3. Holds 6 vials; size, 6½x4x 1½ in.; weight, 7 oz.....Price, $1.15
No. 2. Holds 12 vials; size, 13x4x 1½ in.; weight, 14 oz.....Price, 1.75



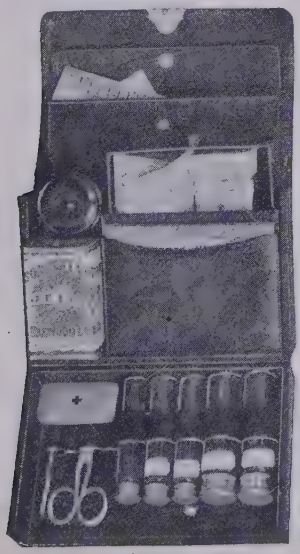
Special Case.

SPECIAL CASES.

Fine quality sole leather, hand stitched. Contains 12 one-ounce bottles set six in a row. Has zinc lined compartments, 2x2x7 inches, to carry hypodermic syringe, instruments, bandages, etc.

No. 1. Size, 6x7x2¼ in.; weight, 21 oz. $2.50
With bottles in wood safety blocks... 3.00

No. 3.



No. 0.

FITTED CASES.

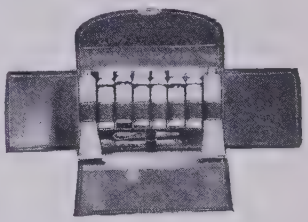
The neatest and best little case made for those who desire a general case with accessories. Contains two large and three small corked and screw-top vials (one graduated for teaspoon and tablespoon doses), surgeon's scissors, tweezers, ointment pot, packages of styptic cotton for bleeding, of picric acid gauze pads for burns, and of surgeon's plaster, 10 yds. each of 1 inch and 1½ inch white bandages and 2 inch black outside bandage, box of absorbent cotton, court plaster, prepared mustard plasters, surgeon's silk, surgeon's needle and safety pins. Put up in an elegant leather folding box case. Size, 7¼x 4¾x3 inches. Weight, 23 oz.

No. x. In tan calfskin case..$8.50
No. o. In black morocco case 8.00

"FIRST-AID" MEDICINE CASES—TABLOID FORM.

(Burroughs, Wellcome & Co., London, England.)

"ALPINE" KIT.

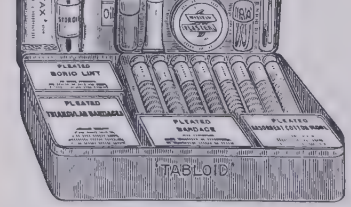


For Alpine travellers, mountaineers and tourists. Contains the equipment recommended by the Alpine Club Committee, in tabloid form, as follows: 5 per cent. Cocaine Solution, Vegetable Laxative, 1 gr. Opium Tablets, Quinine Sulp., Chlorodyne, ½ gr. Saccharin, Hazeline Cream.
In morocco pocket case, size, 6½x 4¼x¾ in.; 9½ oz.....$7.20

"TOURIST" KIT.

A kit for general use and which will be found of excellent service. The "tabloid" form of medicine is especially valuable, as the exact dose is always ready to hand. Contains Chl. of Potash and Borax, Cascara Sag., Antipyrine Comp., Boric Acid, Soda Mint, Quinine Sulp. and Protective Skin, Castor Oil, Aromatic Ammonia Capsules, Court Plaster, Boric Acid Ointment, Carron Oil, Surgeon's Plaster, Camel's Hair Brushes in tube, safety pins, Compressed Absorbent Cotton, Boric Lint, wide, narrow and triangular bandages.
Put up in enamelled tin box, size, 6½x3¼x2 in.; weight, 18 oz.....$3.00

"AUTOMOBILE" KIT.

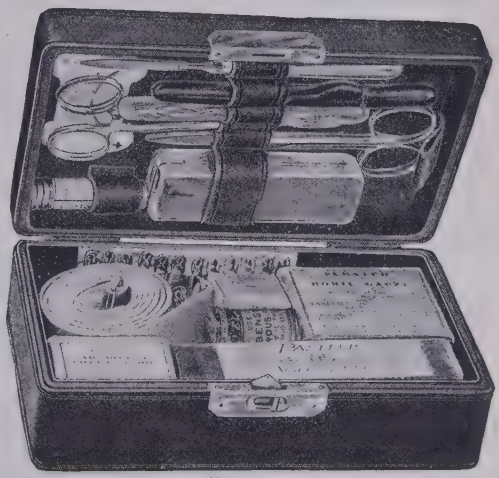


Designed especially for the motorist and contains such articles and remedies as are most likely to be required. Contains the following in tabloid form: Boric Acid, Bismuth Salic, Cascara Sag., 10 gr. Lead Subac, Chl. of Potash and Borax, 2 gr. Quinine Sulp., Soda Mint, Comp. Phenacetin and Carron Oil, Castor Oil, Aromatic Ammonia, Boric Acid Ointment, Surgeon's Plaster, Court Plaster, Protective Skin, Oiled Gauze, Eye Sponge, Camel's Hair Brushes in tube, folding scissors in case, safety pins and ordinary pins in tube, and Compressed Absorbent Cotton, Boric Lint, wide, narrow and triangular bandages.
In strong metal case, size, 7½x4¼x2 in.; weight, 11 oz.....$4.20

SPECIAL MEDICINE AND SURGICAL KITS.

We furnish large and complete outfits of instruments and medical supplies for travellers and explorers, in the most practical, safe and compact form. Prices and specifications upon request.

"DITMARS" SNAKE-BITE KIT.



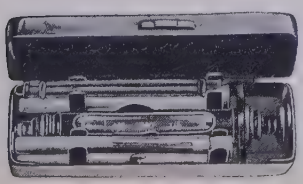
In certain localities the camper or traveller is often exposed to the bite of venomous reptiles. Such cases, in the absence of prompt and proper treatment, always result most seriously and often fatally. Realizing the need of and demand for such a kit, put up in compact form and containing the necessary accessories, we have devised this perfect little outfit.

Indorsed by Prof. Ditmars, of the New York Zoological Society, the well known authority on reptiles. Contains rubber tourniquet, lancet, artery clamps, surgeon's scissors, surgeon's needle, surgeon's silk, tube of sterilized cat-gut, hypodermic syringe in pocket case, clinical thermometer, absorbent cotton, antiseptic gauze, adhesive plaster, bandages, safety pins, tube of Pasteur Anti-Venom Serum, Strychnia and Potassium Permanganate Hypodermic tablets, Corrosive Sublimate tablets for antiseptic dressings. Put up in neat black morocco case of best quality, with instruments on removable tray.

Size, $6\frac{3}{4}$x4x$2\frac{1}{2}$ in.; weight, complete, 20 oz. Price.....$15.00

We include with each kit pamphlets by Prof. R. L. Ditmars and Dr. H. Plympton, giving full instructions for the treatment of snake bite by both the anti-venom or potassium permanganate methods.

"MIDGET" HYPODERMIC SYRINGE.



The most compact and convenient hypodermic outfit on the market.

Fine quality syringe with graduated piston and cap. Has two needles which screw into protecting guard, and three medicine vials. All fitted in spring-clip removable tray and inclosed in nickel-plated hinged box with slide lock.

Size, $3\frac{1}{4}$x$1\frac{1}{8}$x$\frac{1}{2}$ in.; weight $2\frac{5}{8}$ oz. Price.....$2.50

HYPODERMIC SYRINGES.

No. 1.

An indispensable part of a properly equipped medicine kit. Very fine quality, in aluminum pocket case, with felt cover, and carries four vials and two needle points. Has graduated piston. Carries nicely in our special medicine case.
Weight, 3 ounces. Price.....$1.75

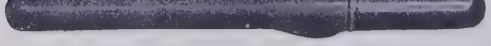
No. 2.

Many prefer the style of case known as the Red Cross Case, very strong, carries six vials and two needle points, graduated piston, glass cylinder.
Red Cross Case; weight, 4 oz. Price $2.25

EMERGENCY WOUND CLIP KIT.

Even of the most careful, it may be said, "Accidents will happen." When in the woods or on the trail and far from medical aid, the slip of an axe or knife is often fraught with dire results. This kit contains a number of little silver-plated surgical clamps, with a specially shaped forceps for application, by means of which the most ugly gash may be quickly and successfully treated. The clamps are perfectly sanitary, easily handled and instantly removable when desired. Full directions for use in each kit. Packed in a handsome nickel-plated case, $1\frac{1}{2}\times5\frac{1}{2}$ in.; weight, 5 ozs. Price, $3.50.

CLINICAL THERMOMETER.



Taylor Brothers' Celebrated "One Minute" Thermometer, the finest made. Every one guaranteed and certified. Each thermometer is numbered and accompanied by certificate. Has magnifying lens for quick reading.
In hard rubber case, with flattened finger grasp. Price.....$1.50

HOT WATER BOTTLE.

There are many times and places when a good hot water bottle is better than medicine, and in the case of pain, cramps, etc., it is invaluable. On a cold night it is equal to an extra blanket and its grateful warmth at the bottom of a sleeping bag is heartily appreciated by all those wise ones who have tried it. Our bags are selected for the purpose and made of the best grade of red Para rubber.

Capacity, 4 quarts; weight, 12 ozs. Price, $1.75

PASTEUR ANTIVENOMOUS SERUM. (Calmette.)

One of the most valuable additions to serotherapy, and recognized by the entire medical profession as the safest and best treatment against snake bite. Owing to the rapid absorption of snake poison, the serum should be used at the earliest possible moment, but will, if administered within three or four hours after the bite, exert a specific action against the venom of all species of poisonous reptiles. If administered promptly it will, except where the vitality of the patient has been lowered from other causes, afford a safe recovery in all cases. It contains no antiseptic or toxic substance and may therefore be administered safely in inexperienced hands and in large doses, if necessary, without the least danger or inconvenience to the patient. The serum is put up in hermetically sealed glass tubes, in dry form, requiring only the addition of water, and will keep indefinitely. Tubes are packed in perforated wooden blocks, insuring against breakage.

As this serum is not readily procurable throughout the country, we keep it at all times in stock for immediate delivery. Full directions for the use of the serum and the treatment of snake bite with each tube. Weight, 1¼ oz. Price per tube.....$2.50

MEDICINE KIT ACCESSORIES.

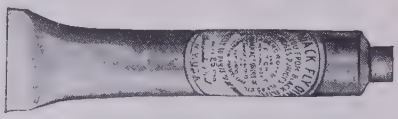
Rubber tourniquets or ligatures.....Price, each.....	$1.50
Artery clamps, straight, lock-joint for sterilizing.....	.75
Lancets, straight, all metal.....	.75
Surgeon's scissors, straight, lock-joint for sterilizing.....	1.00
Surgeon's needles, curved.....	.05
Surgeon's silk, on cards.....	.15
Sterilized cat-gut, in tubes.....	.50
Compressed absorbent cotton; 1 oz.—2x1¼x1¼ inch.....	.10
Compressed absorbent cotton; 2 oz.—2¼x2¼x1¼ inch.....	.20
Compressed antiseptic gauze; 3 yds.—2¼x2¼x1¼ inch.....	.25
Compressed 1-inch bandages; 3 yds.—1¼x1¼x½ inch.....	.10
Compressed 2½-inch bandages; 3 yds.—2½x1¼x½ inch.....	.15
Compressed Corrosive Sublimate Tablets; 10 tablets in special screw top vial; gr., 7-3.....	.15
Hypodermic Tablets—Potassium Permanganate, ½ gr. Per vial..	.50
Hypodermic Tablets—Cocaine-Morphine-Soda, 1-40 gr. Per vial	.50
Hypodermic Tablets—Morphine, ¼ gr. Per vial.....	.50
Hypodermic Tablets—Strychnia, 1-40 gr. Per vial.....	.50

(Cocaine and Morphine sold only on physician's prescription.)

RESINOL.

An absolutely harmless, non-irritant and non-poisonous salve. For itching, scalds, burns, eruptions of poison oak, etc., it is the best known application. An effectual and prompt remedy in all forms of inflammation and irritation of the skin. Especially valuable in such local inflammations as boils, felons, carbuncles, etc. For chafing, a most common affliction in the woods, its effect is wonderful. It is particularly bland and soothing and makes the ideal sedative. We recommend it highly and urge for it a place in every camper's medicine kit. Put up in opal screw-top jars; weight, 5 oz. Price, per jar.....$ .50

FLY DOPE.



No "North Woods toilet" for the spring and summer is complete without a generous supply of good "dope." The "Touradif" fly dope is compounded and put up by ourselves on our own original formula and none but the purest ingredients are used. As a protection against the bites of black flies and gnats it has no equal and we warrant it superior in purity and efficaciousness to any other on the market. As it has a good heavy base it is more lasting in effects than most "dopes" and an occasional application is all that will be required. Clean and pleasant to handle and agreeably scented.

It is also a most excellent skin softener and preservative. Excellent for chap or sunburn.

In 2-oz Friction-Top Tins..... $ .25
In 2-oz. Collapsible Tubes..... .25

DARLING'S BLACK-FLY LOTION.

This is not a preventive, but a cure for the bite of this merciless pest. It will be found most efficacious in practically all cases and should be included in the kit of every sportsman and tourist in "fly time." On many persons the effect of the black-fly bite is often quite serious, resulting in painful swellings which, in some cases, break down and suppurate. The glands are also affected and sometimes in quite an alarming manner. This lotion counteracts the poison to a large extent, reduces the swelling and inflammation and is very soothing in its general effect. Its base is a pure, sweet oil and contains nothing to injure the most tender skin, but on the contrary is a skin emollient and an excellent remedy for sunburn. For this reason it is particularly valuable to ladies and children whose delicate skin is more easily affected.

Put up in 2-oz. vials. Price, per vial..... $ .25

EUCAMPHOL—(Pasteur.)

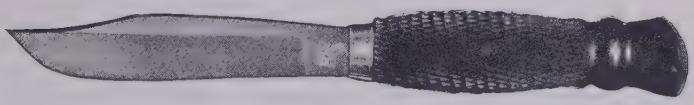
One of the most valuable contributions to modern medical science by the Pasteur Laboratories. A powerful, non-poisonous, aromatic disinfectant, deodorant and germicide. Absolutely destroys all forms of germ life. Prevents the dissemination of disease by insect bites, such as malaria, yellow fever, typhoid, etc. Sprinkled upon the floors will keep off vermin and parasites. Neutralizes unpleasant odors. Counteracts the toxic effects of stings and bites of insects such as mosquitoes, black-fly, fleas, wasps, bees, ants, tse-tse, etc. Invaluable for the camper or traveller in pest-ridden countries for mosquitoes, fleas, lice, etc. Has the fresh, pleasant odor of eucalyptus and is clean to handle. Full directions for use with package.

Put up in 4-oz. bottles. Price, per bottle..... $ .25

HUNTING AND SKINNING KNIVES.

The selection of a hunting knife should be made with great care as to quality, size, shape and balance. Our own knives are each designed for a particular purpose and are made especially for us. We use a special grade of knife steel which, in addition to taking a very keen edge, is very tough and will not nick. We beg to call attention to the fact that these knives are widely imitated but are nowise the same as to quality and finish.

"A. & F. SPECIAL" HUNTING KNIFE.



A standard shape and pattern, first devised by us, and which we offer as the best and most practical all-around knife for general use.

Special steel, solid ebony handle, with hand checked grasp and "thistle" butt. Fitted with long, snug-fitting sheath, which prevents the knife from working loose from the sheath.

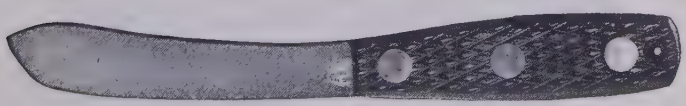
No. 1. 4½ inch blade; for sticking and skinning; weight, 5 oz. $2.00
No. 2. 6 inch blade; for sticking; weight, 6 oz. Price. 2.25

BOWIE KNIVES.

Made of very fine steel on the original Bowie pattern. Tang runs entire length of handle. Fine imported staghorn handles, with cross-guard. A strong, heavy knife for rough work. Fitted with flat scabbard sheath of very handsomely embossed leather.

5 inch blade; 7½ oz., Price.. $1.75 7 inch blade; 9½ oz. $2.25
6 inch blade; 9 oz., Price.. $2.00 8 inch blade; 10 oz. 2.50
9 inch blade; 10½ oz. 2.75

"CHASSEUR" SKINNING KNIFE.



A favorite pattern for general skinning and butchery work. Made of best steel with solid tang entire length of handle and strongly riveted. Scored ebony handle, drilled for thong or lanyard.

5 inch blade, with leather slip sheath; weight, 4½ oz. Price. . . . . $ .50

"For Lock-Back" Hunting Knives see page 96.

"HUDSON BAY" SKINNING KNIFE.

For fine and difficult skinning work, where nicety of manipulation is necessary, this knife has no equal. Very best steel highly tempered and takes an extremely fine edge. Its shape admits of a long, powerful stroke, or a touch as light and keen as a lancet. Made with scored ebony handle, 5 inch blade; weight, with sheath, $3\frac{3}{4}$ ounces.

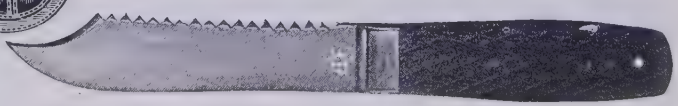
Price, 75 cents.

"ROCKY MOUNTAIN" SKINNING SET.

Many expert trappers and hunters prefer a knife-steel to a sharpening stone for keeping a keen edge on a skinning knife. The skinning of heavy hides of all kinds requires frequent whetting of the knife and we know of no more handy and convenient means than this set. Knife is our famous "Chasseur" and the steel is specially made for the purpose and has a good "bite." Sheath hand made of best heavy oak leather with wide belt loop.

Weight complete, 12 oz. Price..... $3.50
Steels only, length 8 in. Weight, $2\frac{1}{2}$ oz. Price... .85

"GLOUCESTER" FISH KNIFE.



This knife, designed by and first made by us, is now widely imitated and famous everywhere. It is the best knife made for scaling, slitting and skinning fish. Finest steel and carefully made. Top of point is sharp for slitting, and saw-back gives a steady hold, and is excellent for rough scaling. Scored cocobolo handle with bolster and hole for thong or lanyard.

Length of blade, $4\frac{3}{4}$ in.; weight, $4\frac{1}{2}$ oz. Price..... $ .30
Sheath, extra..... .10

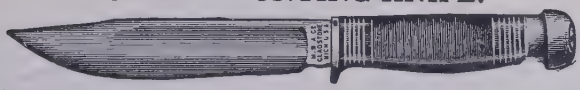
MARBLE'S SAFETY FISH KNIFE.

A handy knife with a blade patterned somewhat after our "Gloucester." Good steel with saw-tooth back. Stamped German silver handle. Made like a clasp knife and when not in use blade folds and is locked within the handle.

Length of blade, 4 in.; weight, $3\frac{1}{4}$ oz. Price..... $ .90

MARBLE KNIVES.

"IDEAL" HUNTING KNIFE.



Hollow ground blade. Chisel back for chopping bones, etc. Laminated leather handle with wood tip. Fitted with tube sheath and point protector.

With 5-inch blade. Weight, with sheath, 6 ozs. Price..... $2.00
With 6-inch blade. Weight, with sheath, 8 ozs. Price..... 2.25
With 7-inch blade. Weight, with sheath, 10 ozs. Price..... 2.50

"EXPERT" HUNTING KNIFE.

Similar in general design to the "Ideal" but blade is flatter and sharper and knife is lighter.

With 5-inch blade. Weight, with sheath, 5 ozs. Price..... $2.00
With 6-inch blade. Weight, with sheath, 6 ozs. Price..... 2.25

"SPECIAL" HUNTING KNIFE.

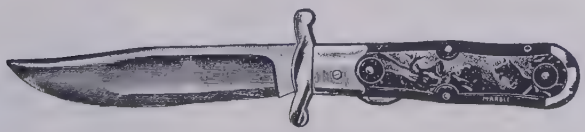
Blades bevel ground and have bone chopper at back of point. Long, heavy tang and staghorn handle.

With 5-inch blade. Weight, with sheath, 10 ozs. Price..... $2.50

"CANOE" KNIFE.

A short, heavy knife designed for rough use. Laminated leather handle. With 4½-inch blade. Weight with sheath, 5 ozs. Price.... $2.00

"SAFETY" HUNTING KNIFE.



Hollow ground blades. Blade locks when open and when closed point and edge is protected. Hard rubber handle with cross-guard.

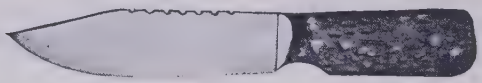
With 4¼-inch blade. Weight, 4 ozs. Price..... $2.70
With 5 -inch blade. Weight, 6 ozs. Price..... 3.60

"SKINNING" KNIFE.

Thin bladed and made similar to our "Gloucester." Staghorn handle with finger-slot.

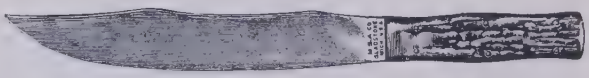
With 5-inch blade. Weight, with sheath, 5 ozs. Price..... $1.35

"DE WEESE" KNIFE.



A special model skinning knife, compact, light weight, thin blade, with saw-tooth back. Staghorn handle, with finger-slot, with 4-inch blade. Weight with sheath, 4 ounces. Price..... $1.60

"CAMP CARVER" KNIFE.



Staghorn handle, with 8-inch blade. Weight, 5 ozs. Price..... $1.35

"SAFETY" CARVER.

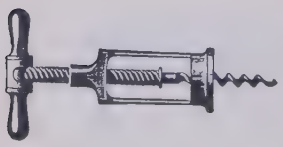
Made on the same principle as "Safety Fish Knife," German silver handles, with 8-inch blade. Weight, 4 ozs. Price..... $ .90

POCKET SHARPENING STONES.

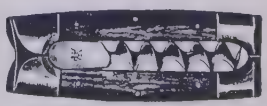
Very best made and extra quick sharpening. For rough, quick work we recommend the carborundum stones on page 68. For pocket and hunting knives we recommend the Nos. 2 and 4 combination or "Sportsman's" stones, shown in cut above.

No. 2 "Sportsman's.". Price..... $ .75
No. 4 "India Sportsman's.". Price..... .50

CORK SCREWS.



No. 2



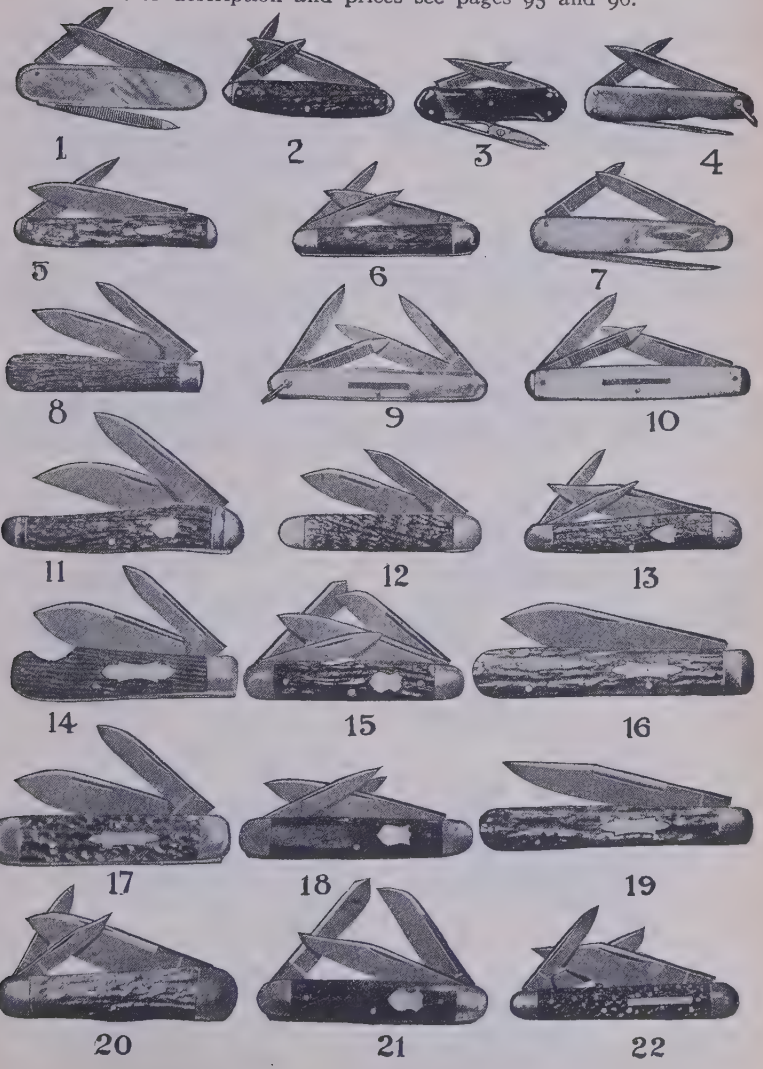
No. 1

No. 1. Imported Folded Pocket corkscrew, size, folded, $2\frac{1}{2}$x1x$\frac{1}{4}$ inches. Wood handles, tipped with German silver. Weight $1\frac{1}{2}$ ounces. Price..... $1.00

No. 2 Self-Pulling Corkscrew. By turning slot in head after insertion, cork is pulled as handle is turned. Nickle plated, $5\frac{1}{2}$ inches long, weight, $5\frac{1}{2}$ ozs. Price..... 1.00

POCKET KNIVES.

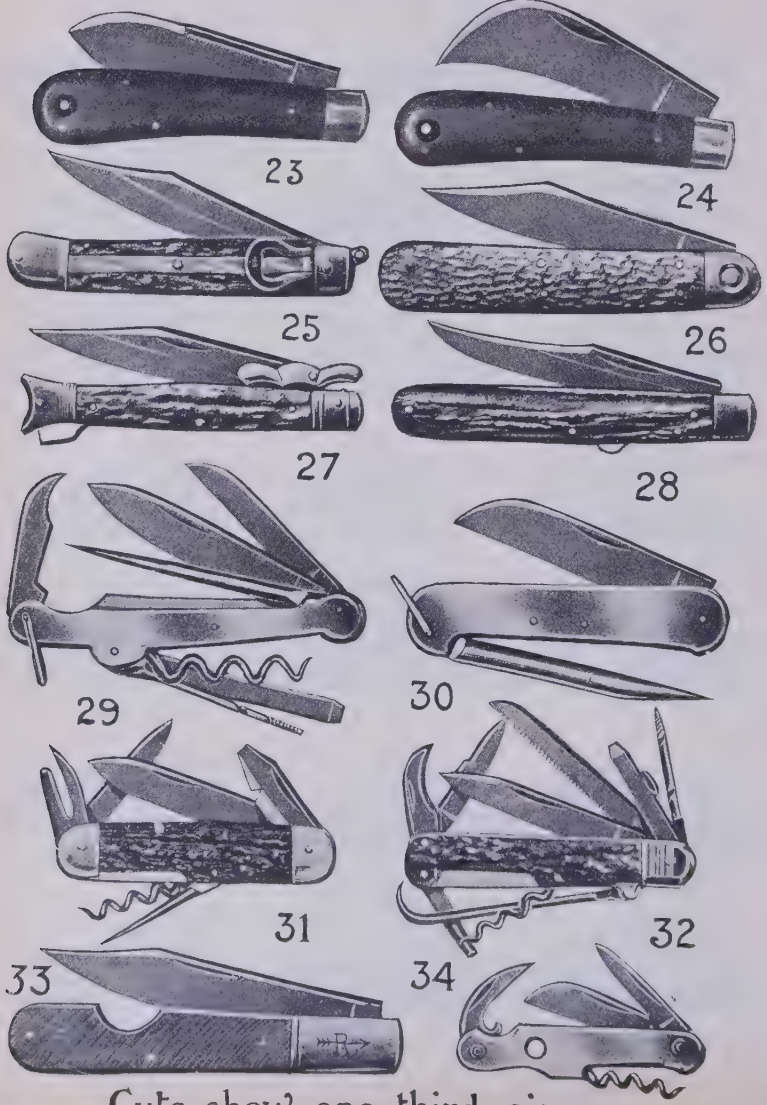
For description and prices see pages 95 and 96.



Cuts show one-third size

POCKET KNIVES.

For description and prices see pages 95 and 96.



Cuts show one-third size

POCKET KNIVES.

(See Page 93 for Illustrations.)

Guaranteed Best Imported and Domestic Make.

No. 1. Imported penknife. Fine pearl handles, 2 blades and nail file; very thin and light; weight, ¾ oz. ..... Price, $2.75

No. 2. Imported penknife. Best staghorn handles; 1 large and 1 small blade and nail file; a very strong and durable little knife; weight, 1 ounce. ..... Price, 1.50

No. 3. Imported penknife. Finest quality; suitable for ladies; has 1 blade, nail file and excellent scissors; beautiful tortoise-shell handles; in chamois case; weight, ¾ oz ..... Price, 4.00

No. 4. Imported penknife; Strong and serviceable; gun-metal handles, with lug for key ring; 1 large and 1 small blade and nail file; weight, ¾ oz ..... Price, 2.50

No. 5. Imported pocket knife. Very powerful blades; 1 large and 1 small; fine staghorn handles; weight, 1½ oz. ..... Price, 1.00

No. 6. Imported pocket knife. Very strongly made with heavy bolsters; 1 large and 2 small blades; best staghorn handles; weight, 1¼ oz ..... Price, 1.25

No. 7. Fine imported penknife. Beautiful pearl handles; 1 large and 1 small blade and nail file; weight, 1 oz. ..... Price, 3.00

No. 8. Boys' pocket knife. American make; imitation staghorn handles; 1 large and 1 small blade; steel bolster; weight, 1¾ oz. ..... Price, .20

No. 9. Fine imported pocket knife. Beautiful pearl handles; 1 large and 2 small blades and nail file; has lug for key ring; weight, 1¼ oz ..... Price, 2.75

No. 10. Fine imported pocket knife. Pearl handles with bolster; 1 large and 1 small blade and nail file; blades extra strong and heavy; weight, 1¼ oz. ..... Price, 3 00

No. 11. Best American jackknife. Very strong blades; best staghorn handles with heavy bolsters; 2 blades; weight, 3 oz. ..... Price, 1 00

No. 12. American pocket knife. 2 strong blades; imitation staghorn handles with steel bolsters; weight, 2¼ oz. ..... Price, .50

No. 13. Best imported jackknife. Very powerful blades, 1 large and 2 small; best staghorn handles with bolsters; weight, 2 oz. ..... Price, 1.85

No. 14. American "easy-opener" jackknife. Very strongly made and good steel 1 large and 1 small blade; imitation staghorn handles with bolster; weight, 4 oz ..... Price, .75

No. 15. "Cattlemen's" knife. Best imported steel; staghorn handles with bolsters; has 1 large, 1 medium, 1 small and 1 spaying blade; weight, 3 oz. ..... Price, 2.25

No. 16. American clasp knife. Lock back; best steel with staghorn handles and bolster; 3½ inch blade; weight, 3½ oz. ..... Price, 1.80

No. 17. American jackknife. Extra strong and heavy; best steel; staghorn handles with bolsters; 1 large and 1 medium blade; weight, 3¾ oz ..... Price, 1.75

No. 18. Imported jackknife. Finest steel; horn handles with bolsters; 1 large and 2 small blades; weight, 2¼ oz. ..... Price, 1.50

No. 19. American clasp knife. Lock back; light but strong; best steel, with staghorn handles and bolster; 3½ inch blade; weight, 2½ ounces, ... Price, 1.75

No. 20. Imported jackknife. Extra heavy blades; staghorn handles with bolsters; 1 large and 2 small blades; weight, 3 oz. ..... Price, 2.00

No. 21. "Cattlemen's" knife. Best imported steel; fine wood handle with bolsters; 1 large, 1 medium and 1 spaying blade; weight, 3 ounces, ... Price, 1.75

No. 22. Imported clasp knife. Lock back; staghorn handles with bolsters; 1 large, 1 medium and 1 small blade; weight, 2¼ oz. ..... Price, 2 50

POCKET KNIVES—Continued.

(See Page 94 for Illustrations.)

Guaranteed Best Imported and Domestic Make.

No. 23. American "Lanyard" knife. Fine steel and very strong; wood handle with bolster and hole for cord; 3 inch blade; weight, 3½ ounces. Price, .45

No. 24. American "Brush" knife. Fine steel with curved hook blade for pruning; wood handle with bolster and hole for cord; 3 inch blade; weight, 4 oz. Price, .50

No. 25. Finest imported clasp knife. Snap open and lock back; staghorn handles with heavy bolsters and guard; a very fine hunting knife and highly recommended; very strongly made; 3½ inch blade; weight, 5 oz. Price, 4 25

No. 26 "Snap Open" or One-Arm knife. American make; best steel; imitation stag handle with bolster; a most handy clasp knife; blade flies open and locks when spring is touched; 3½ inch blade; weight, 4¾ oz. Price, .75

No. 27. Finest imported clasp knife, hunting style. Lock back with heavy cross guard; fine staghorn handles with strong bolsters; makes a very fine hunting knife in small size and carries nicely in the pocket; 3½ inch blade; weight, 4 oz. Price, 3.00

No. 28. Fine imported clasp knife, hunting pattern. Lock back; very best steel with fine staghorn handles and bolster; a very light but powerful knife and suitable for most hunting purposes; 3½ inch blade; weight, 3 oz. Price, 1.75

No. 29. Kit knife. Finest imported steel; solid German silver handles; very strongly made and practical; contains 3½ inch blade, 2¼ inch blade, marlin-spike, gimlet, screw-driver, large cork-screw and cork-wire cutter; has lug for cord or key ring; weight, 7 oz. Price, 6.00

No. 30. Sailor's clasp knife. Best imported steel; handle of solid German silver, very strongly made; has lug for cord or key ring; has 3 inch blade and 3 inch marlin-spike; very thin and fits the pocket nicely; weight, 4¾ oz. Price, 3.50

No. 31. Finest imported kit knife. Very best steel; fine staghorn handles with heavy bolsters; very strongly made and fitted with most practical tools; has 2½ inch blade, 1½ inch blade, powerful screw-driver, nail puller, can opener, reamer and fine cork-screw; a good serviceable knife in every way and recommended for every sportsman's kit. Weight, 4 oz. Price, 3.50

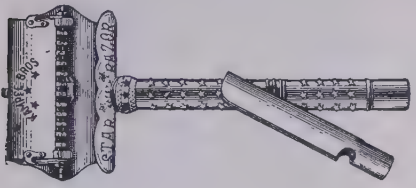
No. 32. Finest imported kit knife. Very best steel and selected staghorn handles with bolster; contains 2¼ inch locking blade, 1½ inch blade, gimlet, 2½ inch saw, cork wire-cutter, screw-driver, leather punch, stone puller, file and corkscrew; a handy and practical knife for all around use Weight, 4½ oz. Price, 6 00

No. 33. One of the famous old "Barlow" knives. American make; good steel; "easy opener;" bone handle with steel bolster; has 4 inch blade; weight, 4½ oz. Price, .35

No. 34 Imported utility knife. Very finest steel; solid German silver handles and very strongly made; very thin and carries nicely in the pocket; has 2 inch blade, 1½ inch blade, cork-wire cutter, cork-screw and cigar cutter. Weight, 1¾ oz. Price, 1.50

"STAR" SAFETY RAZORS.

The original safety razor and which has never been improved upon. Finest English steel blades, magnetized to hold a keen cutting edge and prevent irritation of skin. Frame has hinged back for convenience in cleaning and blades held in self-adjusting clips. Blades can be ground, honed and stropped same as regular razors.



No. 1 consists of frame with detachable handle and stropping clip, with blade. Put up in hinged metal box, opening top and bottom. Blades carried in clip on bottom lid. Weight, 4 oz. Price, $1.50

TRAVELING SETS.

No. 4. No. 92. No. 5.

No. 4. Complete razor and blade with stropping clip. Put up in satin lined morocco leather covered case, with doeskin razor block. Weight, 5 oz. Price..... $2.00

No. 5. Same as above, but has 2 blades. Weight, 6 oz..... 3.10

No. 6. Same as above, but has 3 blades. Weight, 7 oz..... 3.95

No. 7. Same as above, but has 4 blades. Weight, 7 oz..... 4.80

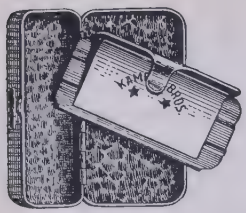
No. 92. Same style box as above, but contains complete razor, 2 blades, stick shaving soap in metal box, stick cosmetic and shaving brush. Weight, 13 oz. Price..... 5.00

No. 94. Same as No. 92, but has 4 blades. Weight, 14 oz. Price 6.70

No. 23. Tourist Set. Cloth-covered box with complete razor, strop, automatic stropping machine and shaving stick, Weight, 15 oz. Price..... 4.50

No. 13. Satin lined and morocco covered box. Contains complete razor, 7 blades, shaving stick, cosmetic, magnesia, brush and comb. Weight, 19 oz. Price..... 11.00

Other sets up to $17.00. Special catalog upon application.

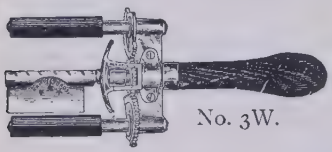


EXTRA "STAR" BLADES.

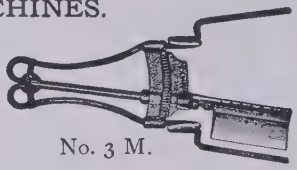
Honed and set ready for shaving. Put up in hinged tin box with clip for safety in carrying.

Price, each, 85 cents.

AUTOMATIC STROPPING MACHINES.



No. 3W.



No. 3 M.

A perfectly simple and practical device which acts perfectly on any strop. With these machines the most inexperienced will have no difficulty in keeping razor blades in perfect condition.

No. 3W. The best, rosewood handle; weight, 8 oz. Price..... $2.00
No. 3M. Light and strong, wire handle; weight, 8 oz. Price.... 1.65

"DIAGONAL" RAZOR STROPS.

No. 29A. No. 26D.

The best strops made. The diagonal grooves in the leather pull the razor in the proper direction.

No. 26D. Leather; size, 17x1¾; weight, 3 oz. Price..... $ .65
No. 28. Leather, size, 23x2; weight, 7 oz. Price..... 1.00
No. 29A. Leather and canvas; size, 17x1¾; weight, 4 oz..... 1.25

SHAVING BRUSHES.

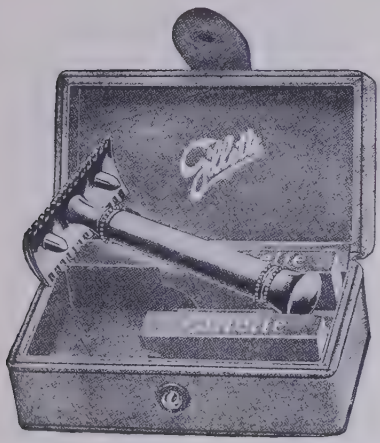
Best Make and Warranted Perfect.

No. 645. Nickel collapsing tube. Brush packs inside for traveling. Badger mixture. Length, 5 in.; weight, 2 oz. Price..... $ .50
No. 32. Same as No. 645, but has pure badger brush. Length, 5 in.; weight, 3 oz. Price..... .65
No. 658. Horn handle, pure badger brush; made to fit empty stick soap boxes; length, 3¼ in.; weight, 1 oz..... 1.00

SHAVING SOAP.

Williams'—the best made. Put up in nickel-plated boxes, traveler's size, 1⅛x2½ inches.
Weight, 2 oz.....Price, 15 cents.

"GILLETTE" SAFETY RAZORS.



The best of all razors using the so-called "wafer blades," which is the essential feature of this razor. These blades which are double edged are made by machinery and are all alike, requiring no honing or stropping. When dull on both edges they are thrown away and replaced by new blades. Blades and frame are put together by a single screw, the tightening of which adjusts the blade to the guard in perfect position for shaving and the blade, when set, cannot vibrate or get out of position. The frame and handle are strongly made of solid metal, heavily silver plated, and will last a lifetime.

This razor, when properly adjusted, cannot cut the skin, and is extremely simple and easy to use.

No. 460.	Complete razor, 12 blades, in plush lined morocco grain case. Weight, 6 oz. Price	$5.00
No. 466.	Same set in genuine seal leather case. Price	6.00
No. 468.	Same set in English pigskin case. Price	6.00
No. 468A.	Same set with sterling silver frame and English pigskin case. Price	12.00
No. 461.	Complete razor, 12 blades, telescope badger hair lather brush and stick shaving soap in silver plated holders; morocco grain case. Weight, 13 oz.	6.50
No. 422.	Complete razor, 12 blades, fine badger hair lather brush and stick shaving soap in silver plated holders, plate glass mirror. In English pigskin case. Weight, 16 oz. Price	9.00
No. 421F.	Same as No. 422, with sterling silver fittings throughout. Price	22.50
No. 428.	Complete razor, 12 blades, fine badger brush and stick shaving soap in silver plated holders, ebony hair brush, comb and plate glass mirror. In walrus grain leather roll case. Weight, 24 oz.	12.50
No. 413.	Complete razor, 12 blades, fine badger brush and stick shaving soap in silver plated holders, silver mounted tooth brush holder, ebony military brush, comb and plate glass mirror. In seal grain leather roll case. Weight, 24 oz. Price	13.50

EXTRA BLADES FOR ALL GILLETTE RAZORS.

Packed 12 blades in a set. Weight, 2 oz. Per set. $1.00

AUTO-STROP SAFETY RAZOR.

"Standard Set."

The essential feature and great advantage of this razor lies in the fact that the blade may be stropped without removing it from the frame or holder. There is nothing to unscrew or take apart, and the operation of stropping is quick and simple in the extreme. Pressing on trigger at back of razor stem releases holder containing blade from the retaining hooks, allowing the blade to swing out from the frame. The strop is then passed under the blade and the razor drawn back and forth on the strop, the gears at side automatically turning the blade over at the proper angle for stropping. Strops included in all Auto-Strop sets. When a blade finally becomes worn out it is simply pushed out and a new blade inserted. None but the best materials used in their manufacture and blades are of finest English razor steel.

"STANDARD" SET.

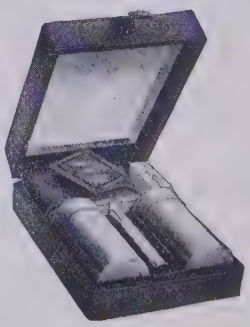
Contains silver plated handle and holder, 12 blades, best horsehide special strop. In leather case, 2x4.; weight 7 oz. Price $5.00

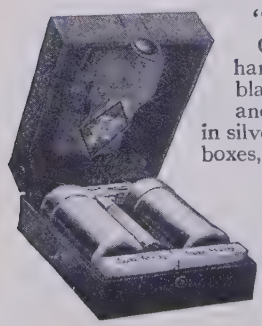
"TRAVELER'S SET.

Contains silver plated handle and holder, 12 blades, telescope shaving brush and stick shaving soap in silver plated push-button boxes, best horsehide special strop.
In velvet lined leather case, size, $3\frac{3}{4}$x$3\frac{3}{4}$ in.; weight, 12 oz. Price... $6.50

"TOURIST" SET.

Contains silver plated handle and holder, 12 blades, shaving brush and stick shaving soap in silver plated push-button boxes, best horsehide special strop.
In velvet lined leather case, size, $3\frac{1}{2}$x5 in.; weight 16 oz. Price....$7.50





"KIT" SET.

Contains silver plated handle and holder, 12 blades, shaving brush and stick shaving soap, in silver plated push-button boxes, bevel edge plate glass mirror and best horsehide special strop.
In velvet lined leather case, size, 4x$5\frac{3}{4}$ in.; weight, 17 oz. Price.... $9.00

EXTRA "AUTO-STROP" BLADES.

Packed 12 blades in a set; weight, 1 oz. Per set..... $ .50

THE "GEM" SAFETY RAZOR.

A very excellent razor, made on the same general principle as the "Star." Now made with the "New Bar" attachment, a great improvement in safety razors, by means of which smoother shaving is possible. This bar takes the place of the fingers and automatically draws the skin smooth and taut immediately in advance of the blade. "Gem" razors cannot cut the skin and give a smooth, comfortable shave. Easy to handle, easy to clean and blades can be stropped.

No. 7. Comprises complete razor, holder, stropping handle and 7 blades; in plush-lined leatherette case; weight, 5 oz. Price... $1.00
No. 12. Same as No. 7, but has 12 blades; weight, 6 oz. Price.. 1.50
No. 15. Same as No. 12, but is silver plated, with ebony handle; in morocco leather-covered case, silk and doe-skin lined; weight, 7 oz. Price..... 2.50

No. 20. Silver plated holder, with ebony handle and 12 blades. Has telescoping brush and stick shaving soap in neat metal boxes. In morocco leather covered box, silk and plush lined; weight, 12 ounces.

Price, $3.50

EXTRA BLADES FOR "GEM" RAZORS.

When the blades become dull or worn, return them to us, with 25 cents, and we will exchange them for 7 new blades.

COMPASSES.

The selection of a compass should be made with great care and no cheap or makeshift instrument should be considered. The compass is often called upon to decide between life and death, and one cannot afford to have an instrument with which he is apt to quarrel as to its correctness and a cheap compass does not inspire confidence. Our whole line of compasses are of the famous "Short & Mason, London," make, and we guarantee them to be the very finest and best.

MILITARY AND NIGHT MARCHING COMPASS.

All compasses having fixed dials should be figured from right to left, and all compasses having movable or floating dials should be figured from left to right.

To set a compass having fixed dial to a given magnetic bearing, the compass should be turned until the needle stands directly over the point and the march made in the direction of the north point on the dial, but to set a compass having a floating dial to the same bearing the compass should be turned until the central or luminous line in the lid is directly over the point, and the march made in the direction of the central line in the lid of case.

No. 50. Night marching compass, with graduated aluminum dial, luminous centre in bronzed case, with sight in lid, $1\frac{3}{4}$ in. diameter; weight, 4 oz. Price. $11.25

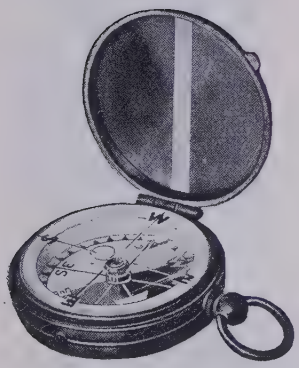
"SUN-DIAL" COMPASS.

A very accurate little instrument and by which, if the adjustable gnomen be properly set, the time of day is easily computed.

Hunter case, secret spring, bronze; $1\frac{3}{4}$ in.; silvered metal dial compass, best hardened and tempered edge bar needle, jeweled cap and self-acting stop, combined with sun dial having adjustable gnomen. Equation tables in lid. Weight, 5 ozs.

Price, $8.00.

ENGLISH MILITARY PATTERN.



No. 93. Strong bronze metal case, jointed lid, silvered metal dial, bar needle, jeweled cap, 1½ in. dial. Price... $4.75

No. 93 A. Same as above, with 1¾ in. dial..... 5.00

No. 04. Same as above, but with floating aluminum dial, Singer pattern, 1½ in dial.. 5.50

No. 04A. Same as above, with 1¾ in dial..... 6.00

No. 14. Same as above, with floating aluminum dial, and luminous line in lid, 1½ in. dial..... 6.25

Same. 1¾ in. dial..... 7.25

Same. 2 in. dial..... 8.00

TRANSPARENT COMPASS.

No. 63. Gilt case, with transparent glass dial, morocco leather outer case, jeweled cap, push action stop. We highly recommend this compass; 1¾ in. dial only. Weight, 1½ oz. Price... $4.50

OPEN FACE PATTERN.

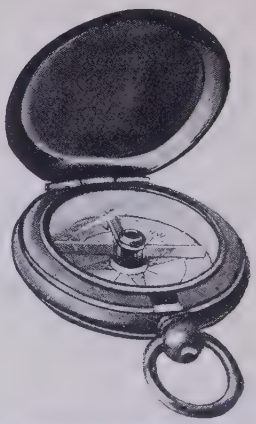
No. 23. Watch form, gilt case, in outer morocco case, keyless action stop, silvered metal dial, best hardened and tempered edge bar needle, jeweled cap and stop.

1¾ in. dial. Price..... $4.50

Same. 1½ in. dial. Price..... 4.00

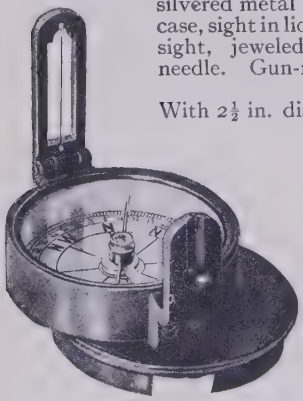
Same. 1¼ in. dial. Price..... 3.75

HUNTING CASE PATTERN.



No. 22. Hunter case, metal dial, bar needle, jeweled cap, self-acting stop, gilt case, 1¼ in. diameter. Price.....$3.00
1½ in. diameter. Price..... 3.25
1¾ in. diameter. Price..... 3.50
No. 42. Same as No. 22, but with floating aluminum dial, Singer pattern,
1¼ in. diameter. Price..... 3.75
1½ in. diameter. Price..... 4.00

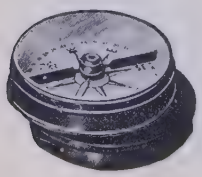
SURVEYORS' COMPASSES.



No. 65. Surveyor's sight compass, 2 in. silvered metal dial, hinged case, sight in lid and folding sight, jeweled cap, bar needle. Gun-metal finish.
Price, $6.00
With 2½ in. dial..... 7.25

BOAT COMPASSES.

No. 87. Mahogany box compass, floating card dial, mounted on gimbals, jeweled cap, 3 in. dial. Price.....$4.00
No. 97. Same as No. 87, in best quality mahogany box, with hinged lid, 3 in dial. Price... 7.00



BOX COMPASSES.

No. 7. Polished mahogany case, silvered metal dial, bar needle, jeweled cap, self-acting stop, 1½ in. dial. Price.....$2.00
2 in. dial. Price..... 2.25
No. 8. Round brass case, pull-off cover, silvered metal dial, jeweled cap, self-acting stop. 1½ inch dial. Weight 1½ ozs..... 1.00

ANEROID BAROMETERS.

(Short & Mason, London.)

Aneroids, compensated for temperature, are extensively used by engineers and surveyors for determining differences of levels, and for making rapid and approximate surveys over large tracts of country.

To the explorer, camper and prospector they are exceedingly valuable for showing the heights of hills and mountains, as well as being indicators of changes in weather.

No. 3. Watch form, $1\frac{3}{4}$ in. diameter; gilt case in morocco outer case, silvered metal dial, revolving altitude, scale 8,000 ft., weight, $3\frac{1}{2}$ oz. Price.....$18.00

No. 11. Same as No. 3, with hunter form case, keyless action revolving altitude, scale, 10,000 feet; weight, 4 oz..... 24.75

No. 42. Pocket size $2\frac{1}{2}$ in. diameter; gilt, in morocco case, silvered metal dial, revolving altitude, scale 8,000 feet; weight $8\frac{1}{2}$ oz. Price..... 19.75

EXTRAS.

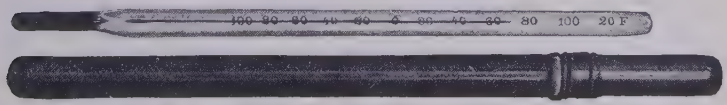
10,000 ft. altitude, add 85 cents. 16,000 ft. altitude, add $3.30

12.000 ft. altitude, add $1.70. 20,000 ft. altitude, add $5.00

"WEATHER."

A neat little booklet giving full and clear directions for the use of the barometer and the correct method for reading altitudes and computing climatic changes. Price, 50 cents.

THERMOMETERS.



All carefully tested and guaranteed accurate. Nos. 1 and 2 register 80 degrees below zero, No. 3 to 120 above zero.

No. 1. Minimum Self-Registering, 8 in., magnifying spirit tube, oak frame, in leather carrying case; weight, 5 oz. Price..... $2.00

No. 2. Minimum Self-Registering, 6 in., all glass, magnifying spirit tube, in screw cap hard rubber case; weight, $\frac{1}{2}$ oz..... 2.00

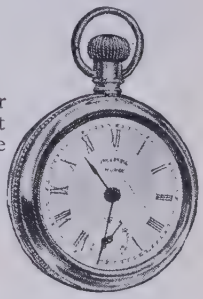
No. 3. Maximum Self-Registering, 6 in., all glass, magnifying spirit tube in screw cap hard rubber case; weight, $\frac{3}{4}$ oz..... 2.25

INGERSOLL WATCHES.

"YANKEE."

New model. Fitted with improved 16 size movement. Case is smaller and thinner than old style. Has close fitting snap back and dust proof bezel. Full stem wind and stem set.

Nickel or gun-metal finish. Price..... $1.00



"ECLIPSE."

Same movement as the "Yankee" but better mounted. Full stem wind and stem set. Movement plate handsomely damaskeened. Solid nickel case fitted with hinged back with invisible hinge.

Bright nickel, gun-metal or gold-plate; weight, 2½ oz. Price... .....$1.50

"JUNIOR."

The newest and most approved movement, 12 size. A very elegant little watch in appearance and an excellent time-keeper. Case in solid nickel with antique bow and crown and close fitting snap back and bezel. Movement plate finely damaskeened. Very handy in size—only ½ inch thick. Stem wind and set.

Bright nickel, gun-metal, or gold-plate; weight, 1½ oz. Price.....$2.00

"MIDGET."

A very neat and practical little ladies' watch. Also suited for use in wrist-straps for automobiles, etc.

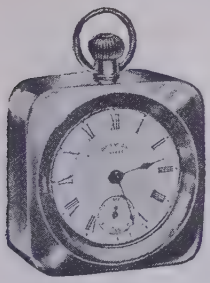
Very finely adjusted movement, with damaskeened movement plate. Case is solid nickel with snap back and bezel. Stem wind and stem set. This watch is only 1½ inches wide, ⅜ inch thick, and weighs but 1¼ ounces.

Bright nickel, gun-metal, or gold-plate. Price..... $2.00
Sterling silver, fancy engine, turned back. Price..... 4.00
Gold filled, fancy engine-turned back (case guaranteed 10 years).. 5.00

LEATHER WRIST STRAPS.

For Midget Watch.

Black Leather. Price...$0.75
Pig Skin, Natural color... 1.25



WATCH-CLOCK.

A thoroughly practical and reliable little time-piece for any purpose. Very handy for the camp or traveling. Watch is held firmly in holder, but can be removed and worn in regular way.

Gun-metal finish, size 2x2x$\frac{7}{8}$ in.; weight, $3\frac{3}{4}$ oz. Price.....$1.25

ALARM-WATCH.

Has first-class 16 size movement and guaranteed to give satisfaction. Perfectly reliable alarm mechanism. Hinged back cap and enamel face. Stem wind and set. 2 in. wide, $\frac{5}{8}$ in. thick. A most handy and convenient time-piece for camping and traveling. Alarm is clear and strong. Fine gun-metal finish; weight, 3 oz. Price, $6.00

PEDOMETERS.

Accurate instruments which, in the hands of a careful observer, are very useful in determining distances traveled and for use in preliminary survey work.

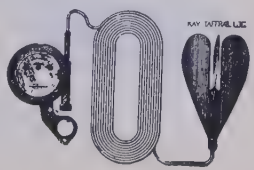
Grade A. Registers 100 miles by $\frac{1}{4}$ miles.
Weight, $1\frac{1}{2}$ oz. Price.....$1.00

Grade B. Registers 100 miles by yards.
Weight, $2\frac{1}{2}$ oz. Price..... 5.00

"KAY" TAFFRAIL LOG.

A very useful instrument for yachtmen, launch owners and canoeists. Records automatically on a dial the distance traveled in miles, and indicates the speed.

Weight, packed in box, 13 ozs. Price, $5.00



BINOCULARS AND FIELD GLASSES.

Terlux. Monocular. Binocular. Stereo Prism.

The binocular form of glass, owing to their portability, lighter weight and large field, has entirely replaced the telescope for sporting and tourist purposes and are superior in every way.

All have fine leather cases with shoulder straps.

BAUSCH & LOMB-ZEISS GLASSES.

4 power stereo binocular day glass	$40.00	Monocular	$18.50
5½ power non-stereo binocular day glass	40.00	Monocular	19.00
6 power stereo binocular day glass	43.50	Monocular	20.00
7½ power stereo binocular night glass	63.50	Monocular	29.00
8 power stereo binocular day glass	47.50	Monocular	22.00
8 power non-stereo binocular day glass	40.00	Monocular	21.00
10 or 12 power stereo binocular day marine	67.50	Monocular	31.00
10 Power prism day glass, $75.00. 10 power stereo day glass			90.00

BUSCH GLASSES.

Adopted by the U. S. Army and Navy.

Fitted with velvet lined leather case with shoulder strap.

6 power prism binoculars, $45.00; 9 power	$45.00
10 power Terlux binoculars, 75.00; 15 power	85.00
18 power Terlux binoculars, the most powerful made	90.00

FOLDING FIELD GLASS.

A sharp, powerful little glass, so made as to fold flat, 3½ in. wide, 5 in. long, 1 in. thick. Carries handily in the pocket and weighs but 8 oz. A convenient sportsmen's glass for sighting game at long range. Price, ... $12.00

FRENCH FIELD GLASSES.

The famous "Lemaire" make and a very fine glass.

Height, 6 in.; weight, with case, 36 oz. Price $20.00

THE NEW "PERPLEX" GLASS (Schutz.)

A Masterpiece of Optical Mechanism.

Monocular.

These wonderful glasses, the latest and best made, give the largest field of view, brightest illumination, sharpest definition and highest magnifying power of any glass made. The construction of the "Perplex" differs materially from all other types of prism glasses in the optical construction and the form and arrangement of the prisms. These are so made and arranged that the light is refracted, not reflected, as in other glasses, and as much less light is absorbed a much clearer vision is attained. As this makes a "Perplex" of ordinary power superior to other high power glasses, it becomes most desirable as a hunting glass and for use at night. Easily taken apart for cleaning without danger of derangement. Fitted with universal and independent focussing attachments and interpupillary adjustment. Price includes sole leather carrying case with shoulder strap, and glass has extra strap attached.

Binocular.

Magnifying Power	Field at One Mile	Apparent Field	Weight	Price Binocular	Price Monocular
6	607 ft.	40 deg.	17 ozs.	$ 55.00	$25.00
8	554 "	48 "	17 "	55.00	27.50
10	422 "	46 "	22 "	72.50	35.00
12	370 "	48 "	22 "	80.00	37.50
15	296 "	48 "	32 "	100.00	50.00
18	275 "	54 "	32 "	110.00	55.00

THE "DUPLEX" POCKET FIELD GLASS.

This glass has a most unique feature in that it may be instantly changed, by merely turning a disc, from a $5\frac{1}{2}$ power day glass to a $3\frac{1}{2}$ power night glass. This makes it a most handy and convenient glass for hunter's use, as it is adapted for use on either bright or foggy days, at night or in the rain. The field is larger and the definition very clear, while its small size makes it convenient to carry. Made as above only. Weight, in case, 24 ozs. With sole leather case and shoulder strap, extra strap on glass.

Price $15.00

"MARVEL" POCKET TELESCOPE.

This splendid little instrument will instantly appeal to many sportsmen and scientists on account of its small size and great power. Carries handily in any pocket and is an excellent glass for hunting. Has screw focussing attachment. Gun-metal finish, leather covered, in suede case. We recommend the 9-power for general use on account of its easier focus.

9-Power. Length, folded, 5 inches. Weight, 4½ ozs..... $8.00
12-Power. Length, folded, 5¼ inches. Weight, 5 ozs..... 9.00

FRENCH TELESCOPES.

A superior make, and warranted in all respects.

No. 750-12 line, 15 diameters; weight, 10 ozs. Price..... $3.50
No. 750-16 line, 25 diameters; weight, 18 ozs. Price..... 7.50

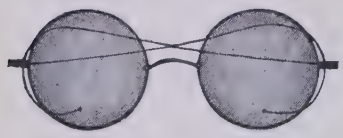
SHOOTING AND FISHING GLASSES.

Coquille.

COQUILLE.

This famous glass is the general favorite among scientists and sportsmen. Has very large eye lens which are curved so as to protect the eye entirely and there are no annoying side or top rays of light. The very best glass for shooting. Furnished in "smoked glass" only.

Frames are hinged at bridge for convenience in carrying.
In strong protecting case. Price..... $3.50



TINTED GLASSES.

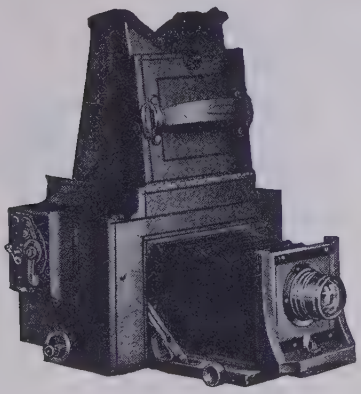
Strong gold-plated spectacle frames fitted with large eye protecting lenses in either amber or smoked glass. A good glass for general use in fishing, yachting, sea-shore, etc. Price, 50c.

SPECIAL SNOW GLASS.

Light leather mask or shield fitted with metal panes or eye-protectors. These panes are slit in a most unique manner and in such way that the sight is unobstructed and a clear vision afforded. Panes are adjustable for all eyes. The very best glass made for protection against snow-glare and "ice-blink" and for yachtsmen, auto boats and automobiles in snow, sleet or rain.

Weight, ¾ oz. Price..... $2.00

THE "GRAFLEX" CAMERA.



The "Graflex" will do everything that any other camera will do, and by its ability to portray with the utmost detail the most rapidly moving objects, will secure perfect results under conditions where the ordinary camera would fail utterly. As the focussing is done upon full size ground glass plate the troublesome and difficult finder is eliminated, there is no guesswork as to distance and the object is in brilliant focus up to the moment of exposure. The focal plane shutter, with its even distribution of light, enables one to take snapshots indoors, on cloudy days and in the shade—a very obvious advantage. No motion is too rapid, there is no blurring of the picture, and no awkward tripod or focussing cloth to bother with. Made of mahogany, all visible wood parts ebonized finished. All metal work oxydized in gun-metal finish. Cover of finest Persian morocco leather. We present here the 3A Graflex and Naturalists' Graflex, which are best suited for sportsmen and tourists. Catalogue of other sizes and styles sent upon request.

3A GRAFLEX—FOR FILMS ONLY.

Dimensions, $10\frac{1}{4}$x$6\frac{7}{8}$x5 inches. Weight, $4\frac{1}{2}$ lbs. Picture, $3\frac{1}{4}$x$5\frac{1}{2}$.	
With Isostigmar lens, series II, No. 4A. *f.* 6.3. Price	$109.50
With B. & L.-Z. Tessar lens, series II B, No. 5A, *f.* 6.3	124.00
With B. & L.- Protar lens, series VII A, No. 7, *f.* 6.3	143.00
Fine leather case, extra, $11.00. Film cartridge, 10 exposures	.70

NATURALIST'S GRAFLEX.

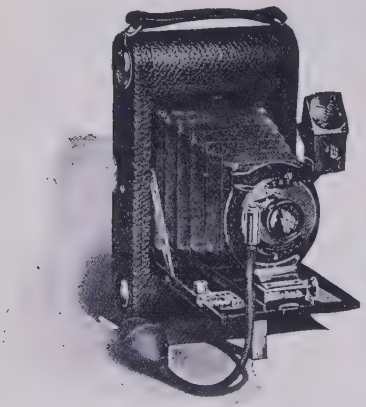
Designed especially for naturalist's work in photographing birds, wild animals, etc., where long-focus or tele-photo lenses are required. Focus is obtained by reflection on the upper mirror, enabling the operator to conceal himself behind a log, rock or screen, without exposing himself.

NATURALIST'S GRAFLEX FOR PLATES OR FILMS.

(Price includes One Double Plate Holder.)

Dimensions, 19x$9\frac{3}{4}$x$6\frac{1}{4}$. Weight, $7\frac{1}{2}$ lbs. Size of picture, 4x5.	
With Goerz lens, series III, No. 6, *f.* 6.8. Price	$297.00
With B. & L.-Z. Protar lens, series VII A, No. 19, *f.* 6.3	378.50
B. & L. high power, tele-photo attachment, extra	24.00
Graflex magazine plate or cut film holder, extra	13.00
Film pack adapter, extra, $5.00. Extra plate holders, each	2.50
Cartridge roll holder films (special) 6 exposures only	.45

EASTMAN'S KODAKS.



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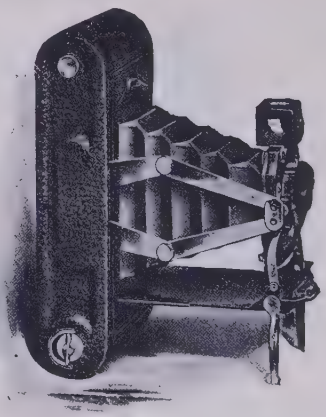


No. 1A.

These cameras, the most famous ever made, are too well known to require detailed description, but we will mail upon request complete illustrated catalogue and price list of cameras, developing outfits, sundries, etc.

NO 1 FOLDING POCKET KODAK.

Size of camera, $6\frac{3}{4}$x$3\frac{1}{2}$x$1\frac{5}{8}$ in. Weight, 16 oz.
Size of pictures, $2\frac{1}{4}$x$3\frac{1}{4}$.

With Achromatic lens, automatic shutter	$10.00
Black sole leather carrying case, with shoulder strap	1.25
Film cartridge, 6 exposures, 20 cents; 12 exposures	.40
Portrait attachment	.50

NO. 1A FOLDING POCKET KODAK.

Size of camera, $7\frac{3}{4}$x$3\frac{7}{8}$x$1\frac{3}{4}$ in. Weight, 20 oz.
Size of pictures, $2\frac{1}{2}$x$4\frac{1}{4}$.

With Achromatic lens, automatic shutter	$12.00
Black sole leather carrying case, with shoulder strap	1.25
Film cartridge, 6 exposures, 25 cents; 12 exposures	.50
Portrait attachment	.50

NO. 1A SPECIAL FOLDING POCKET KODAK.

Size of camera, 8x2x3¾. Weight, 23 oz. Size of picture, 2½x4¼.

With rapid rectilinear lens, automatic shutter	$15.00
With No. 1 B. & L. automatic shutter and B. & L. Zeiss Tessar lens, series II B, No. 4, *f.* 6.3	46.90
With B. & L. automatic shutter and Isostigmar lens, series II, No. 3A, *f.* 6.3	35.35
Black sole leather carrying case, with shoulder strap	1.25
Film cartridge, 6 exposures, 25 cents, 12 exposures	.50
Portrait attachment	.50

NO. 2 FOLDING POCKET KODAK.

Size of camera, 6¾x4½x1½ in. Weight, 18 oz. Size of picture, 3¼x3½.

With rapid rectilinear lens, automatic shutter	$15.00
Black sole leather carrying case, with shoulder strap	1.25
Film cartridge, 6 exposures, 30 cents; 12 exposures	.60
Portrait attachment	.50

NO. 3 FOLDING POCKET KODAK.

Size of camera, 7½x4½x1⅝. Weight, 23 oz. Size of picture, 3¼x4¼.

With rapid rectilinear lens, automatic shutter	$17.50
With kodak automatic shutter	22.50
With B. & L.-Z Tessar lens, series II B, No. 4, *f.* 6.3, and volute shutter	63.70
With Isostigmar lens, series II, No. 3 A, *f.* 6.3, and B. & L. shutter	37.85
Black sole leather carrying case, with shoulder strap	1.25
Glass plate adapter, with ground glass, for use with plates	3.50
Single glass plate holders, each	.50
Rising and sliding front, extra	1.00
Film cartridge, 6 exposures, 35 cents; 12 exposures	.70
Portrait attachment	.50

NO. 3A FOLDING POCKET KODAK.

Size of camera, 9½x4¾x1⅞. Weight, 41 oz. Size of picture, 3¼x5½.

With rapid rectilinear lens, automatic shutter	$20.00
With Kodak automatic shutter	25.00
With Volute shutter and B. & L. Zeiss Tessar lens, series II B, No. 5K, *f.* 6.3	78.25
With B. & L. automatic shutter and Isostigmar lens, series II, No. 4A, *f.* 6.3	46.45
Black sole leather carrying case, with shoulder strap	1.50
Combination back, for use with glass plates or films	3.50
Double glass plate holders, 3¼x5½, each	1.00
Film cartridge, 6 exposures, 40 cents; 10 exposures	.70
"Double-Two" cartridge, 4 exposures	.30
Portrait attachment	.50

NO. 4 FOLDING POCKET KODAK.

Size of camera, 9x5¾x2¼. Weight, 43 oz. Size of picture, 4x5.

With rapid rectilinear lens, automatic shutter	$20.00
With Kodak automatic shutter	25.00
With Volute shutter and B. & L. Zeiss Tessar lens, series II B. No. 5K, *f.* 6.3	78.25
With B. & L. automatic shutter and Isostigmar lens, series II, No. 4A, *f.* 6.3	46.45
Black sole leather carrying case, with shoulder strap	1.50
Glass plate adapter, 4x5, with ground glass	3.50
Double glass plate holders, 4x5, each	1.00
Film cartridge, 6 exposures, 45 cents; 12 exposures	.90
"Double-Two" cartridge, 4 exposures	.30

NO. 4A FOLDING KODAK.

Size, 11x6½x2⅝. Weight, 4 lbs., 4 oz. Size of picture, 4¼x6½.

With rapid rectilinear lens, B. & L. automatic shutter	$35.00
With Volute shutter and B. & L. Zeiss Tessar lens, series II B, No. 6, *f.* 6.3	106.50
With B. & L. automatic shutter and Isostigmar lens, series II, No. 6A, *f.* 6.3	70.70
Black sole leather carrying case, with shoulder strap	2.50
Glass plate adapter, 4¼x6½, with ground glass	5.00
Double glass plate holders, each	1.25
Film cartridge, 6 exposures, 4¼x6½	.65
"Double-Two" cartridge, 4 exposures	.45
Direct view finder (special equipment)	3.00

NO. 4A SPEED KODAK.

With Focal Plane Shutter.

Size, 11¾x3½x6½. Weight, 6 lbs. Size of picture, 4¼x6½.

With B. & L. Zeiss Tessar lens, series II B, No. 6, *f.* 6.3	$109.50
With Goerz Dagor lens, series III, No. 3, *f.* 6.8	112.50
Black sole leather carrying case, with shoulder strap	2.50
Film cartridge, 6 exposures, 4¼x6½	.65
"Double-Two" cartridges, 4 exposures	.45

NO. 4 SCREEN FOCUS KODAK.

With Ground Glass Back for Focussing.

Size 10x5¾x3⅜. Weight, 3 lbs., 14 oz. Size of pictures, 4x5.

With rapid rectilinear lens, Kodak automatic shutter	$30.00
With Volute shutter and B. & L. Zeiss Tessar lens, series II B, No. 5K, *f.* 6.3	88.25
With B. & L. automatic shutter and Isostigmar lens, series II, No. 4A, *f.* 6.3	56.45
Black sole leather carrying case, velvet lined	2.50
Glass plate adapter, 4x5	2.50
Double glass plate holders, 4x5, each	1.00
Film cartridge, 6 exposures, 4x5, 45 cents; 12 exposures	.90
"Double-Two" cartridge, 4 exposures	.30
Portrait attachment	.50

NO. 2 FLEXO KODAK.

Fixed Focus. Always Ready.

Size of camera, $5\frac{7}{8}$x$4\frac{5}{8}$x$4\frac{3}{8}$. Weight, 19 oz. Size of pictures, $3\frac{1}{2}$x$3\frac{1}{2}$.

With Achromatic lens, Eastman Rotary shutter $5.00
Black sole leather carrying case, with shoulder strap 1.25
Film cartridge, 6 exposures, $3\frac{1}{2}$x$3\frac{1}{2}$, 30 cents; 12 exposures..... .60
"Double-Two" cartridge, 4 exposures..... .20
Portrait attachment..... .50

NO. 3B QUICK FOCUS KODAK.

By simply turning a dial and pressing a spring the camera is focussed for any distance.

Size of camera, $8\frac{1}{8}$x$6\frac{7}{8}$x$4\frac{5}{8}$. Weight, 2 lbs., 9 oz. Size of pictures, $3\frac{1}{4}$x$5\frac{1}{2}$.

With Meniscus Achromatic lens, Eastman Rotary shutter..... $12.00
Black sole leather carrying case, with shoulder strap..... 2.50
Film cartridge, 6 exposures, $3\frac{1}{4}$x$5\frac{1}{2}$, 40 cents; 10 exposures..... .70
"Double-Two" cartridge, 4 exposures..... .30
Portrait attachment..... .50

In ordering films for this camera, specify for "3B Quick Focus."

NO. 1 PANORAM KODAK.

For large groups and wide landscape and marine views.

Size of camera, $3\frac{3}{8}$x$4\frac{1}{4}$x$7\frac{3}{8}$. Weight, 24 oz. Size of pictures, $2\frac{1}{4}$x7.

With special lens and Panoram shutter..... $10.00
Black sole leather carrying case, with shoulder strap 1.75
Film cartridge, 6 exposures, 40 cents; 3 exposures..... .20

In ordering films for this camera specify for "No. 1 Panoram."

NO. 4 PANORAM KODAK.

Size of camera, $4\frac{3}{4}$x$5\frac{1}{2}$x$10\frac{1}{8}$. Weight, 2 lbs., 14 oz. Size of pictures, $3\frac{1}{2}$x12.

With special lens and Panoram shutter..... $20.00
Black sole leather carrying case, with shoulder strap..... 2.00
Film cartridge, 5 exposures, 90 cents; 2 exposures..... .45

In ordering films for this camera specify for "No. 4 Panoram."

NO. 2 STEREO BROWNIE.

Makes Beautiful Stereoscopic Pictures.

Size of camera, $9\frac{3}{4}$x$4\frac{1}{2}$x$2\frac{1}{2}$. Weight, 29 oz. Size of pictures, $3\frac{1}{4}$x-$2\frac{1}{2}$ each.

With Meniscus Achromatic lenses, pocket automatic shutter.... $12.00
Stereo Brownie carrying case..... 1.00
Film cartridge, 10 Stereo exposures, 70 cents; 6 exposures..... .40
"Double-Two" cartridge, 4 exposures..... .30
Self-Transposing printing frame, for $3\frac{1}{4}$x$2\frac{1}{2}$, Stereo prints..... 1.50
Brownie Stereoscope..... .75

In ordering films for this camera specify for "No. 2 Stereo Brownie."

Complete catalogues of "Century," "Hawk-Eye," "Brownie" and "Bull's-Eye" cameras on request.

"MATCHLESS" PREPARED FOODS. IN SELF-HEATING CANS.

An innovation in canned goods which will be appreciated by all who must prepare meals with little or no fire. The foods are excellent and are made piping hot in a few moments by merely puncturing the outer can at points indicated and pouring in a little water. The food is sealed in an inner can which is inclosed by an outer case partly filled with quick-lime. The addition of water to the lime generates a terrific heat, which warms the inner receptacle to the boiling point almost at once. These cans are invaluable for fishermen, yachtsmen, balloonists, motorists and for hunters for use in duck-blinds, run-ways and where fire is either impossible or undesirable. Full directions with each can.

SOUPS.

Tomato, Mock Turtle, Ox-Tail, Consomme, Bouillon, Julienne, Mutton Broth, Vegetable, Beef, Pea, Clam Chowder, Clam Broth.....Price, per can, 25 cents

Chicken, Chicken Gumbo, Mulligatawny. Price per can..... 30 cents

FOODS.

Pork and Beans.....Price per can, 20 cents

Irish Stew—Beef and Vegetables..... 30 cents

New England Boiled Dinner—Sauerkraut and Sausage..... 35 cents

Vienna Sausage, Braised Beef, Burgundy Beef, Hungarian Goulash, Veal and Green peas..... 40 cents

Chicken Curry Indienne, Chicken Saute Marengo..... 50 cents

DEHYDRATED VEGETABLES.

The most difficult of all problems the camper has to solve is that of providing fresh vegetables. One may do without for a limited time but, if the trip be a long one, vegetables are a necessity from the point of health.

In the past their great weight and bulk has always worked against them, to say nothing of their perishable nature. Nowadays, thanks to modern science, fresh vegetables may be had at any time and in any clime and without undue trouble. In the dehydrated vegetables a method has been discovered of extracting all the water and reducing the bulk to comparatively nothing.

This is done in such manner that the color, flavor and food values remain unchanged and the product is quite as tasty, palatable and nutritious as the fresh vegetable. Their preparation for the table is quite simple—merely the addition of the proper amount of water and cooking in the regular way. Their excellence has been proven beyond a doubt, and they are largely used in the U. S. Navy and abroad.

For the convenience of campers, explorers, prospectors and others, we are now putting them up in specially made friction-top cans, which are air-tight and moisture-proof, as the most handy form for use and transportation. We also supply them in quantity, packed in square friction-top tins, as listed below.

1 Pound Dehydrated	Equals in Fresh Vegetables	Cans Contain	Price Per Can	Tins Contain	Price Per Tin
Potatoes (Riced)	7 lbs.	12 ozs.	$0.30	4 lbs.	$1.75
" "	7 "			20 "	8.00
" (Sliced)	7 "			2 "	.90
" "	7 "			8 "	3.50
Spinach	16 "	2½ "	.30	¾ "	1.50
Cabbage	15 "	5 "	.30	2 "	1.75
Carrots	12 "	4½ "	.25	2 "	1.60
Onions	12 "	5½ "	.35	2 "	1.90
Turnips	11 "	4½ "	.25	1½ "	1.25
Sweet corn	6 "	15 "	.40	5 "	2.00
Green peas	5 "	14 "	.50	5 "	2.75
Wax beans	15 "	2½ "	.40	1 "	2.40
Soup greens	15 "	4 "	.35	2 "	2.50
Cranberries	10 "	3½ "	.60	2 "	4.50
Rhubarb	19 "	4 "	.35	1½ "	1.85
Blueberries	6 "	10½ "	.95	4 "	5.75
Raspberries	6 "	8½ "	.90	3½ "	5.85
Strawberries	12 "	5½ "	1.25	2½ "	9.25
Currants	7 "	9½ "	1.50		
Cherries	10 "	8½ "	1.75	3 "	9.75

KNORR'S VEGETABLES.

These evaporated and compressed vegetables come in packages, size 4x4½ ins., weighing about 5 ounces, each equal to ten to twelve times its weight in green vegetables, in the following varieties: Sliced Beans, Spinach, White Cabbage, Celery, Onions, Leek, Carrots and Turnips.

Price, per package..... $ .20
20 packages in sealed tin can..... 4.00

KNORR'S SOUP TABLETS.

Prepared by mixing with water and boiling. A good, wholesome soup and very nourishing.

Soup Tablets come in packages, size 2x2½ in., weighing 3½ ounces each. Each package makes 3½ pints of strong soup. They may be had in the following varieties: Pea, Bean, Lentil, Potato, Barley, Green Corn, Rice, Farina, Tapioca, Julienne, Onion and Sago.

Price, per package..... $ .10

ERBSWURST.

Erbswurst comes in rolls, packed in heavy waterproof parchment. It is the celebrated pea-meal sausage, composed of meat, meal and vegetables, in general use among European armies, and is considered a nearly perfect food.

¼ lb., 9 cents. ½ lb., 17 cents. 1 lb., 32 cents.

IMPORTED FRENCH JULIENNE.

Julienne consists of a mixture of vegetables cut in strips and evaporated; much used in stews and soups and as a vegetable dish. Put up in packages, 2½x2½x6 in., weighing ½ lb. each

Price, per package..... $ .25

LIEBIG'S BEEF EXTRACT.

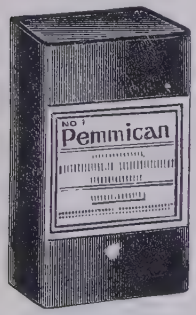
Put up in air tight tubes for campers and tourists. A highly concentrated beef extract of exceptional strength and purity. Each tube represents the condensed essence of five pounds of fresh beef. One-quarter teaspoonful of extract to a cup of hot water makes excellent beef tea. Unexcelled as a flavoring for cooking. Guaranteed to keep fresh and sweet indefinitely.

In two-ounce screw-cap tubes. Price per tube..... $ .35

ANKER'S BOUILLON CAPSULES.

Unexcelled for giving flavor and body to soups, stews, etc. Excellent for beef tea, broths and invalids' use. A concentrated form highly recommended for quality and purity. In gelatine capsules.

Packed in boxes of 10 capsules. Per box..... $ .25



PEMMICAN.

This product, so useful as a concentrated food, especially for work in the far North, is usually made to order only.

To meet quick demand we carry the very best, made on the Government formula. This is put up especially for us and we have it in stock ready for delivery.

Will keep indefinitely in all climates and is the best heavy food made in condensed form.

Six pounds in can..... $4.50

ARMY BREAD.

The standard "Hard Tack" of Army and Navy rations. Very palatable and more sustaining than biscuits or fresh bread. Made from whole wheat and will keep indefinitely if protected from dampness. In 10-lb. tins only. Size, 9x8½x11½ inches. Per tin..... $ .80

CRYSTALOSE.

Crystalose is a pure drug used largely by physicians, travelers and canning factories in place of cane sugar. One ounce equals in sweetening power one ton of sugar. The taste is pleasant, having none of the disagreeable properties of saccharine, and is the best substitute for sugar. The crystals are uniform in size and come in screw-top vials.

We recommend the crystals as purest and best.

Pure Crystals, 1 ounce vials. Price..... $1.00

Prepared Tablets, small vials. Price..... .25

SLICED EVAPORATED POTATOES.

A very fair substitute for the fresh vegetable. Prepared by soaking in water and boiling or stewing.

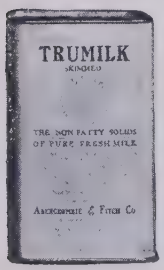
In 16-lb. tins, size 10x10x19 inches. Per tin..... $4.00

In bulk. Per pound..... .25

BORDEN'S "PEERLESS" EVAPORATED MILK.

Probably no other article of food is as difficult for the camper to provide as milk. Fresh milk is an impossibility, the usual "condensed" milk fails by its sweetness, but Borden's evaporated milk is perfection. It is prepared from pure, rich milk, condensed to the consistency of cream, put up *without* sugar and preserved by *sterilization* only. It has the natural color and flavor of rich cream and is used, undiluted, on fruits and cereals and in tea or coffee. For general use and convenience in packing we recommend the small cans.

In 8 oz. tins, 5 cents. In 15 oz. tins, 10 cents.



TRUMILK.

On such trips as demand the greatest possible reduction of weight and bulk, evaporated or condensed milk is out of the question. It is here that the value of Trumilk and Trucream are appreciated, and their use is simple and satisfactory. Trumilk is milk skimmed and separated from all fatty solids, free from preservatives or adulteration, and reduced to a powder perfectly soluble in water. For cooking it is mixed in the dry form, but may be dissolved in water and used in the regular way. Full Directions on Can.

In 1½ lb. friction-top tin cans. Per can... $ .50

TRUCREAM.

Prepared the same as Trumilk but from full cow's milk, produced in the most sanitary manner, and the richness and flavor is unimpaired.

Dissolved in the proper amount of water, it is used in precisely the same manner as fresh milk, and, if allowed to stand over night, cream will rise which may be skimmed from the milk. Full Directions on Can. In 1 lb. tin cans, 85 cents.

TRUEGG.

Fresh hens' eggs reduced to a perfectly soluble form in water and used for all purposes. With Trucream it makes omelettes and scrambled eggs, and in all bake stuffs gives the same result as fresh eggs. One pound of powder is equal to four dozen fresh eggs and one tablespoonful is the equivalent of one egg. Full Directions on Can. In half-pound friction-top cans. Per can, 75 cents.

BORDEN'S CONDENSED COFFEE.

This excellent preparation will appeal instantly to the camper and traveler. A cup of boiling water, a spoonful of condensed coffee, a bit of sugar or crystalose, and one has instanter a cup of delicious, fragrant coffee. Its condensed form makes it doubly valuable and the convenient tubes are most handy for ready use in traveling. Prepared from the very highest grade of coffee, carefully selected, and pure milk and sugar only.

Put up in collapsible screw-cap tubes of $5\frac{1}{2}$ oz. in weight, enough for 40 cups. Price, per tube..... $ .20

BORDEN'S CHOCOLATE.

(Swiss Recipe.)

A most handy and available form of highly nutritious food. Recognized and now included in many European armies as part of the standard ration. Particularly valuable to campers, explorers and mountain climbers.

Made from the finest chocolate and purest milk. We particularly recommend the "Kubes" as a most convenient form.

$\frac{3}{4}$ oz. cakes, 2 cents; $1\frac{3}{4}$ oz. cakes, 5 cents; $3\frac{1}{4}$ oz. cakes, 10 cents

In $\frac{1}{4}$ oz. Kubes, 14 Kubes in a box, per box, 10 cents.

COMPRESSED TEA TABLETS.

This method of packing tea has the great advantage of an enormous saving in weight and bulk. It is also much more economical and reduces waste in camp, as each tablet is of proper size and there is no guesswork. Tea in bulk absorbs moisture rapidly, which so dissipates its strength that it soon becomes worthless. Compressed tea is practically impervious to atmospheric moisture and does not deteriorate by keeping.

"POTENTATE" TEA.

1 Tablet=1 Cup of Tea.

Oolong, English Breakfast, Ceylon, Green, Mixed. Put up in canisters of 100 tablets. Price, either variety..... $ .25

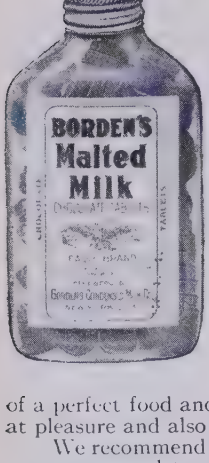
"TABLOID" TEA.

(Imported English.)

This preparation, largely recommended by physicians and used in hospitals all over the world, is made from the highest grade of teas from which the stem and mid-rib has been stripped, thus removing the tannic acid, its sole injurious agent. Two tablets equal one large cup of tea. Put up in close fitting tin boxes, flat, for convenience in packing.

English Breakfast Flavor, boxes of 100 tablets. Per box..... $ .25

Special Blend, finest selected teas, boxes of 100 tablets..... .50



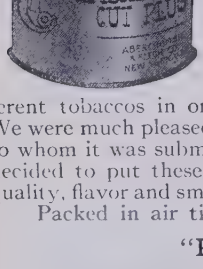
MALTED MILK TABLETS.

Besides being one of the most palatable forms of milk they are very nourishing and make an excellent condensed food and emergency ration, in which event they are to be eaten in the natural state. For use as milk, they are quickly made ready by the simple addition of water, either hot or cold. The tablets keep indefinitely and are put up in sealed flat glass flasks, with screw-tops, containing 100 tablets; weight, 11 oz. Price, 25 cents.

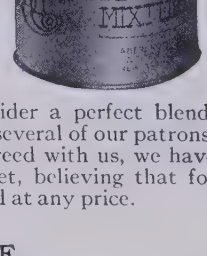
BORDEN'S MALTED MILK CHOCOLATE TABLETS.

The value of chocolate as a nerve food and producer of energy is universally conceded by all food specialists, and it has few equals in the form of concentrated nourishment. In combination with milk it has all the qualities of a perfect food and becomes a premier "light ration." It may be eaten at pleasure and also makes delicious drinking chocolate.

We recommend them, as well as the Malted Milk Tablets, very highly to campers and travellers as an article that will be relished by everyone. Put up in same form as Malted Milk Tablets. Price,..... $ .25



TOBACCO.



In the equipment of various expeditions and camping parties we have often been called upon to supply smoking tobacco. This has naturally led us to do considerable experimenting in the combination of different tobaccos in order to produce what we consider a perfect blend. We were much pleased at the result ourselves and as several of our patrons, to whom it was submitted for approval, heartily agreed with us, we have decided to put these two mixtures upon the market, believing that for quality, flavor and smoothness they cannot be excelled at any price.

Packed in air tight friction-top tins.

"KAMP FIRE" MIXTURE.

A most perfect and delicate blend of the very finest grades of Havana, Turkish, Perique, Virginia and Latakia.

Quarter pound cans..... $ .65

"LAURENTIDE" CUT PLUG.

A smooth, even burning mixture in cut plug form.

Quarter pound cans..... .40

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COOKING OUTFITS

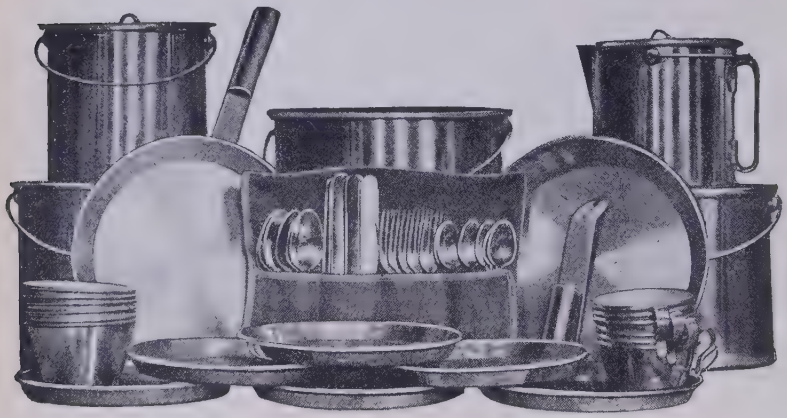
It is very likely that the most important example in the camper's Book of Problems reads somewhat as follows: "1 Good Cook + 1 Good Cooking Outfit = 1 Fine Trip."

Sure it is that many a trip has been marred by moments of despair when the old tin coffee pot melted over the fire and scarred by lurid streaks of language when the "Dutch" oven cracked or the handle of some poorly made pot pulled off and doused the stew.

Good "grub" means good temper and good temper means "good times," and we cannot say too much in favor of a well constructed and compactly nesting outfit.

Our Aluminum and Retinned Steel Outfits are known all over the world as the best made, but we would call particular attention to our new "Aluminol" and "Armorsteel" sets, which show a still greater improvement, both in material and making, and which cannot be duplicated elsewhere. Note also our new detachable frying pan handle, which will at once commend itself to every camper. We have devoted a great deal of time and expense to perfecting these sets and it is with no little pride that we offer them as the best in the world.

"ALUMINOL" COOKING OUTFITS.



These splendid outfits have made famous the name of Abercrombie & Fitch in all the far corners of the earth. Campers and explorers, canoeists and prospectors, engineers and army officers, yachtsmen and motorists have all tried, tested and praised their merit.

Constant experiment and steady improvement in the material and design, year after year, has brought them to a state of perfection which allows no comparison.

With the exception of the frying pans, all pieces in the "Aluminol" sets are aluminum, of a new and special alloy of our own, which not only renders the metal comparatively hard, but adds a degree of toughness and durability which makes it perfect. It is practically indestructible and will endure all manner of hard usage without serious damage.

There are other aluminum sets upon the market, but they are either made of pure aluminum, which is utterly worthless, or of an inferior alloy which is either too brittle or else burns out readily.

Beware of such outfits as claim to have a tensile strength nearly equal to steel—we have been through all that in the past and our experiments have proven that the hard alloys were not practical. We have discontinued the aluminum frying pans in these sets for the reason that, after exhaustive trial, we find them unsatisfactory as a frying utensil, owing to their marked propensity for burning the food.

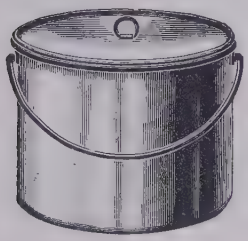
With the "Aluminol" set we are now supplying steel frying pans, of the very best grade, highly polished, and fitted with Darling's detachable handle, an entirely new pattern and absolutely perfect.

All parts are stamped in one piece, beautifully finished, and so designed as to nest perfectly. We offer these new "Aluminol" sets as the very best that can be procured for lightness, quality and durability, and we guarantee each and every part perfect.

"ALUMINOL" COOKING OUTFITS.

We show here in detail the more important pieces of the outfit, prices of which are given on page 128. The styles and patterns of the new "Armorsteel" outfits shown on page 129 are also very similar, the sizes being only slightly different.

COOKING POTS.

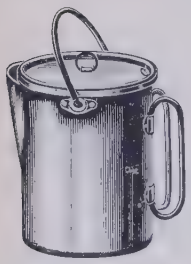


All have permanently attached bail handles which cannot slip out or become lost. Made in five sizes—A, B, C, D, E. Each nests within the next larger pot and all fit into the largest pot, E, except when the large coffee pot is used and then the A pot is omitted. The A pot has tight-fitting cover and makes a most excellent "bean pot." All made with inset covers.

FRYING PANS.

Patent applied for.

Made in aluminum or steel. We recommend the steel pans, which are made of the finest steel and very highly polished. Both have patent detachable hollow handles, light, strong and simple. The steel pans all have Darling's new model handle, the lightest and most practical made, which cannot slip or work loose. For use in cooking over a camp fire, where long handles are required, a stick of the desired length is inserted in the hollow handle. The small size fits in the D pot and the large size carries on top of the outfit, inclosing the detachable handles.

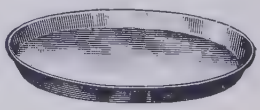


COFFEE AND TEA POTS.

Made in two sizes and on a very unique pattern. Body and spout made in one piece, and there are no seams or solder to give trouble. Spout fitted with perforated strainer. Has folding bail and side handles and inset hinged lid. The small size nests in the A pot, the large size in the B pot, and the small size fits within the larger.

PLATES.

Made of a favorite camp pattern, light, strong and handsome, with turned edges. Sides nearly straight and deep enough for stews, porridge, etc. Nest perfectly flat and fit inside the D pot.



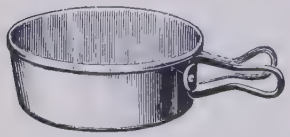
CUPS.

Made in a generally approved shape and with specially designed open handles which enables them to nest perfectly and fit within either the large or small coffee pot.

BOWLS.

A practical and convenient size for soup, cereals, fruits, puddings, etc. Nest snugly and, together with the cups, fit within either the large or small coffee pots.

PANS.



These handy utensils are used in many ways, as mixing and serving pans, vegetable dishes, baking, etc.

Sizes 1, 2 and 3 are fitted with folding side handles for use as stew pans. All nest in cooking pots as follows: No. 1 into B, No. 2 into C, No. 3 into D, No. 4 into E and No. 5 carries on bottom of outfit which sets within it.

REGULAR "ALUMINOL" SETS.

No. 2—EQUIPPED FOR TWO PERSONS.

1 A cooking pot; 1 B cooking pot; 1 coffee pot, small; 1 frying pan, small; 2 plates, 2 cups, 2 soup bowls, 2 knives, 2 forks, 2 dessert spoons, 2 teaspoons.

Size, when nested, $9\frac{1}{2}$x$8\frac{3}{4}$ inches; weight, 6 lbs. 6 oz. Price, including canvas case..... $9.85

No. 4—EQUIPPED FOR FOUR PERSONS.

1 A cooking pot; 1 B cooking pot; 1 C cooking pot; 1 coffee pot, small; 1 frying pan, large; 1 frying pan, small; 4 plates, 4 cups, 4 soup bowls, 4 knives, 4 forks, 4 dessert spoons, 4 teaspoons.

Size, when nested, 10x$11\frac{1}{4}$ inches; weight, 10 lbs. 14 oz. Price, including canvas case..... $16.60

No. 6—EQUIPPED FOR SIX PERSONS.

1 B cooking pot; 1 C cooking pot; 1 D cooking pot; 1 E cooking pot; 1 coffee pot, large; 2 frying pans, large; 6 plates, 6 cups, 6 soup bowls, 6 knives, 6 forks, 6 dessert spoons, 6 teaspoons.

Size, when nested, 11x$12\frac{7}{8}$ inches; weight, $17\frac{1}{4}$ lbs. Price, including canvas case..... $26.50

No. 8—EQUIPPED FOR EIGHT PERSONS.

1 B cooking pot; 1 C cooking pot; 1 D cooking pot; 1 E cooking pot; 1 coffee pot, large; 2 frying pans, large; 8 plates, 8 cups, 8 soup bowls, 8 knives, 8 forks, 8 dessert spoons, 8 teaspoons.

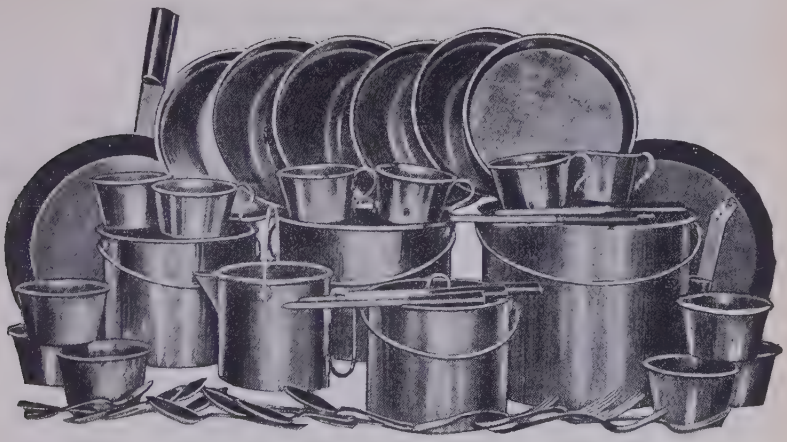
Size, when nested, 11x$12\frac{7}{8}$ inches; weight, $18\frac{3}{4}$ lbs. Price, including canvas case..... $30.00

SEPARATE PIECES FOR "ALUMINOL" COOKING OUTFITS.

Sizes given below allow for all lugs, handles and projections.

Article	Size Over All Width In.	Size Over All Depth In.	Capacity Pints	Weight Ozs.	Price Each
A Cooking pot and cover	7	6 1/2	6 7/16	15	$1.70
B " " " "	8 1/8	7 1/4	9 15/16	20	2.00
C " " " "	9 1/4	7 1/2	13 1/8	24	2.40
D " " " "	10 1/4	8 1/8	18 3/8	30	3.20
E " " " "	11 3/8	11 1/8	31 1/16	47	3.80
Coffee pot, large	7 1/8	6 3/4	6 7/8	16	2.50
" " small	6	6 1/8	4 1/4	12	2.20
*Fry pans, "aluminol," large	10 3/8	1 5/8		16 1/2	1.25
" " " small	8 3/4	1 1/2		13	1.00
Fry pans, special steel, large	11	2		30	1.25
" " " " medium	9 7/8	2		24	1.15
" " " " small	8 3/4	1 3/4		20	1.00
*Extra handles, "Aluminol"					.75
* Extra handles, special steel					.75
Plates	8 7/8	3/4		4 1/2	.30
Cups	4 7/8	2 1/8	1 1/16	2	.25
Soup bowls	4 5/8	2 3/4	1 1/8	2 1/4	.25
*No. 1 Pan, folding handles	7	2 5/8	3	6 1/2	1.40
*No. 2 " " " "	8	2 3/4	4 5/16	8 1/2	1.50
*No. 3 " " " "	9	3	6 3/16	10	1.60
*No. 4 " no handles	10	3 1/2	8 13/16	11	1.20
*No. 5 " "	11 1/8	4 1/8	12 7/16	15	1.40
Table knives, steel	8 3/8	long		1 1/4	.33
Table forks, "Aluminol"	6 1/2	long		1/2	.12 1/2
Dessert spoons, "	7	long		1/2	.12 1/2
Tea spoons, "	5 5/8	long		1/4	.06
*Carving knife, steel	12 3/4	long		5	.55
*Carving fork, steel	13	long		4	.30
*Cooking spoon, "Aluminol"	11 1/4	long		2	.30
*Cake turner, steel	14 1/4	long		3 1/4	.10
*Pepper grinders, imported	3 1/2	2 1/8		4	1.00
*Salt and pepper boxes, tin	2	1 1/8		1	.05
*Salt—pepper—mustard sets, Porcelain	2 1/4	4 1/4		6	.70
*Pot holders, asbestos	5 1/2	5		2	.15
*Dish mops	12 1/4	long		2 1/2	.10
*Dish towels	24	17		2 1/2	.10
Canvas bags for sets					.75
*Fibre cases for sets	See page 135				
*Wicker cases for sets	" " "				

Pieces marked * are not included in regular outfits.



"ARMORSTEEL" COOKING OUTFITS.

This outfit, which takes the place of our old "Retinned Steel Outfit," is, with the exception of our "Aluminol" sets, the very best cooking outfit to be had. The different pieces all correspond in shape and style to those in the "Aluminol" sets, varying only slightly in size. The weight, of course, is greater, but when this is not considered the outfit leaves nothing to be desired. All the pots are made of high-grade pressed armor steel and stamped in one solid piece—no joints, seams or solder. Handles are all permanently attached with riveted lugs. All covers are inset and close fitting. The frying pans, which are made from special steel, are all fitted with Darling's new detachable handle. This handle is simply slipped into place and locks automatically—cannot work loose, and is a tremendous improvement over any other style of detachable handle in the market.

With the exception of the frying pans, all pieces are double tinned and finely finished, and there is no other outfit of the kind made which can approach it for quality, service or price. These sets must not be confounded with the cheap retinned and tin-plated outfits on the market, to which it is superior in every way, and it is only necessary to compare them with those offered by other dealers for one to realize the vast difference in quality, design and compactness. "Armorsteel" is our own special make, sold by us exclusively, guaranteed absolutely, and cannot be obtained elsewhere.

"ARMORSTEEL" COOKING OUTFITS.

Solid Seamless Steel. Double Tinned.

COMPLETE OUTFITS.

The number of pieces in these outfits is the same as the "Aluminol" sets on page 127. They nest in precisely the same manner but are not interchangeable with the "Aluminol" as the sizes vary slightly.

The sets listed below are carried regularly in stock, but will be made up in any manner to suit and pieces will be omitted or extra pieces added as desired. Prices quoted include carrying case. For special parts, special carrying cases, etc., see pages 128 to 136.

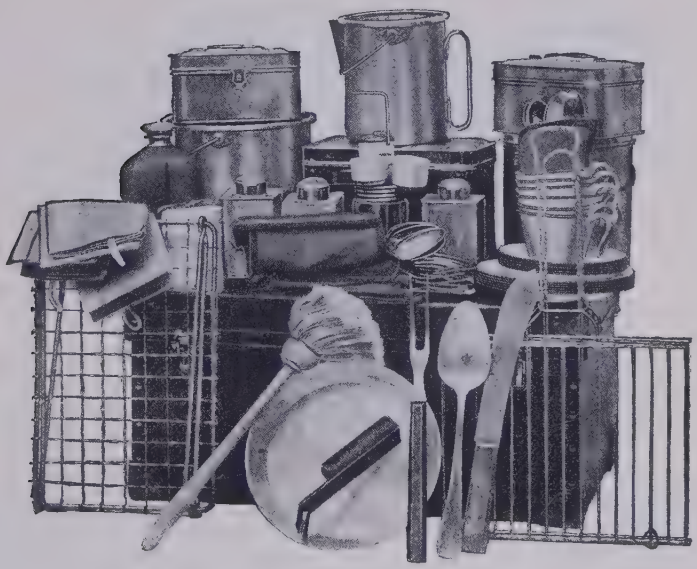
No. 20. Set complete for two persons. Weight, $6\frac{3}{4}$ lbs. Price... $4.00
No. 40. Set complete for four persons. Weight, 12 lbs..... 6.25
No. 60. Set complete for six persons. Weight, $17\frac{1}{2}$ lbs..... 8.50
No. 80. Set complete for eight persons. Weight, $19\frac{1}{4}$ lbs..... 9.40

SEPARATE PIECES FOR "ARMORSTEEL" SETS.

Sold singly or included in sets at following prices.

Article		Size Over All		Capacity	Weight	Each
		Wide	Deep	Pints	Ozs.	
Cooking pot.....	No. 1	$7\frac{1}{4}$	$6\frac{1}{4}$	$6\frac{3}{4}$	18	$0.65
" "	No. 2	$8\frac{1}{8}$	$6\frac{3}{4}$	$9\frac{1}{8}$	22	.75
" "	No. 3	$9\frac{3}{8}$	$7\frac{7}{8}$	$14\frac{1}{2}$	34	.85
" "	No. 4	$10\frac{3}{4}$	9	22	44	1.40
Coffee pot.....	No. 5	$6\frac{3}{8}$	$5\frac{7}{8}$	4	17	1.00
Frying pan with handle	No. 6	$8\frac{3}{4}$	$1\frac{3}{4}$		20	1.00
" " " "	No. $6\frac{1}{2}$	$9\frac{7}{8}$	2		24	1.15
" " " "	No. 7	11	2		30	1.25
Extra frying pan handles	No. $7\frac{1}{2}$					.75
Soup bowls.....	No. 8	$4\frac{3}{4}$	$2\frac{1}{2}$	1	3	.08
Cups.....	No. 9	4	$2\frac{3}{8}$	$\frac{3}{4}$	$2\frac{1}{2}$	.08
Plates.....	No. 10	$8\frac{3}{4}$	1		4	.05
Forks.....	No. 11		$7\frac{1}{4}$		1	.03
Knives.....	No. 12		$8\frac{3}{4}$		2	.12
Teaspoons.....	No. 13		$5\frac{3}{4}$		$\frac{3}{4}$	.02
Dessert spoons.....	No. 14		$7\frac{1}{8}$		$1\frac{1}{4}$	.03
Cooking spoons.....	No. 15		14		7	.10
Carving knife.....	No. 16		$10\frac{1}{4}$		4	.15
Carving fork.....	No. 17		15		3	.15

THE "FITCH" AUTOMOBILE LUNCH KIT.

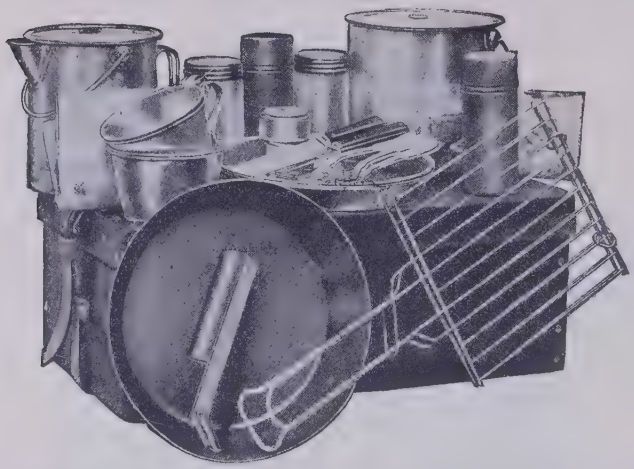


The market is full of lunch, picnic and automobile luncheon sets, but practically all of them are imported novelties, put up in expensive baskets or cases, and containing for the most part a collection of unpractical utensils and more or less useless and fancy gimcracks. The growing demand for a serviceable, practical, every-day outfit of this kind has prompted us to get up this set, which we offer in all confidence as the first and only real serviceable outfit on the market. Every piece in the set is of the very best quality and selected for service and practical utility and arranged so as to carry in a safe, compact form.

The kit consists of three fine nickel-plated boxes, one size 9x7x6½ for roast fowls, cold meats, etc., and two size 6½x5x3¾ for sandwiches, salads, etc. One each size A & B "Aluminol" cooking pots (see page 128,) one small "Aluminol" frying pan, one broiler, one small "Aluminol" coffee or tea pot, one Sackett's camp grate (see page 74), 6 each white enameled plates, saucers and cups, 6 each knives, forks, dessert spoons and teaspoons, one each carving knife, carving fork and cooking spoon, one each porcelain butter jar, glass jam or pickle jar, pepper-salt-mustard set, one each tea, coffee and sugar caddies, one pint dram flask, one dishmop and three dishtowels. Put up in partitioned fibre case, unbreakable, with lock and handle to carry on running board or baggage rack. Size of case, 21¾x12¼x10¾ inches. Weight, packed complete, 27 lbs.

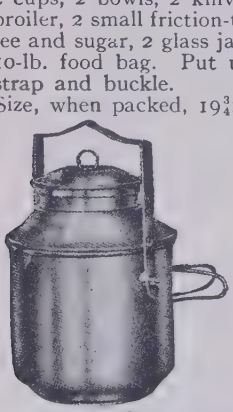
Price, $42.25.

"CLUB" LUNCH SETS.



Designed for carrying individual lunches for the day's outing on shooting and fishing trips, picnics, etc. Consists of the following "Armor-steel" pieces: Coffee pot, No. 1 cooking pot, small frying pan, 3 plates, 2 cups, 2 bowls, 2 knives, 2 forks, 2 dessert spoons, 2 teaspoons, 1 wire broiler, 2 small friction-top tins for salt and pepper, 2 wooden jars for coffee and sugar, 2 glass jars for cream and preserves, 1 5-lb. food bag and 1 10-lb. food bag. Put up in telescope leatheroid case and fastens with strap and buckle.

Size, when packed, $19\frac{3}{4}$x$10\frac{1}{2}$x$7\frac{1}{4}$ inches. Weight, 11 lbs. Price, $6.25

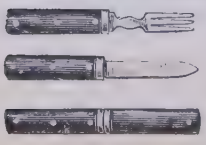


CAMP COFFEE PERCOLATOR.

This percolator makes better and more palatable coffee than the regular pot, and should be in every cook set. Can be hung over open fire or used on stove in same manner as the household percolator in general use. Made of hard metal, heavily nickel plated, and will stand rough usage without damage.

No. 1.	3 pints.	Weight, 27 ozs.	Price, $3.50
No. 2.	4 pints.	Weight, 31 ozs.....	4.00
No. 3.	5 pints.	Weight, 33 ozs.....	4.50

COMBINATION KNIFE AND FORK.



A most handy little contrivance—practical and good. Place knife and fork point to point and press together and each point slips inside the handle of the other and carries in the vest pocket. Length, $7\frac{3}{4}$ inches. Width, $\frac{3}{4}$ inches.

Weight, 2 ozs. Price..... $ .45

WHITE ENAMELED WARE.

These are of the very highest grade enamel made, and are much superior to the usual run of this kind of ware. The pieces are made of special steel, nickeled and covered with the best enamel, which is very carefully baked to insure toughness. These will not chip, crack or break unless subjected to a tremendous blow or strain. When weight is not considered in the outfit these pieces will be found most satisfactory in every way, and they have the advantage of a handsome appearance and great ease in cleaning. Finished in pure white, inside and out, with neat blue borders. Cups, bowls and plates nest with our "Aluminol" ware, and are the same sizes, except the cups, which are a trifle larger.

Plates, $9\frac{1}{2}$ inches diameter, 1 inch deep	Weight, 9 ozs., Each	$ .30
Saucers, $5\frac{7}{8}$ inches diameter, $\frac{7}{8}$ inch deep.	Weight, $3\frac{1}{2}$ ozs., Each	.15
Cups, $4\frac{5}{8}$ inches diameter, $2\frac{3}{4}$ inches deep.	Weight, $3\frac{1}{2}$ ozs., Each	.25
Soup Bowls, $4\frac{1}{2}$ in. diameter, $2\frac{5}{8}$ in. deep.	Weight, $4\frac{1}{2}$ ozs., Each	.25

HOT WATER PLATE.

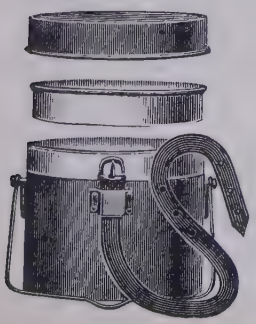
Made of white enamel ware. The best and only means of keeping food hot at table when eating out of doors. These plates have a double bottom and are filled with boiling water by means of a screw-cap, and will keep food hot for a considerable time even in very cold weather.
Diameter, $10\frac{1}{4}$ inches. Depth, $1\frac{1}{4}$ inches. Weight, 18 ozs. Each $2.00

ENAMEL TUMBLERS.

The best substitute for glass. Do not "taste" liquids of any kind and are unbreakable. Made of pure white enamel, with blue border, and are thin and light.
Height, $3\frac{1}{8}$ inches. Diameter, $2\frac{7}{8}$ inches.
Capacity, $\frac{1}{2}$ pint. Each ..... $ .25

WOODEN PLATES.

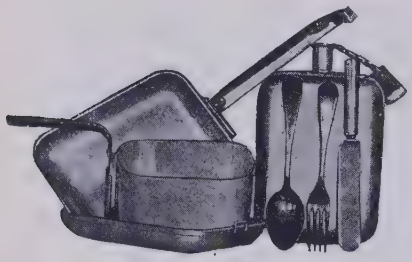
For Picnics, Automobiles, Sailing Parties, etc.
Made of clean, sweet wood. 8 inches wide. Per dozen..... $ .10



JAPANESE SERVICE KIT.

A most practical and serviceable little field equipment, either for cooking or carrying a prepared lunch. Made of aluminum and is light, strong and durable. Consists of an outside kidney-shaped pot, made to fit the form when carried by shoulder strap or belt, size $3\frac{3}{4}$x$6\frac{1}{2}$x$5\frac{1}{2}$ inches. Has deep on-set cover and in-set tray $1\frac{3}{8}$ inches deep. Fitted with bail handle, notched in center to balance on crane over fire, and fastens with strap and buckle. All parts stamped in one piece—no joints.
Weight, 16 ozs. Price $2.00

"PRESTON" MESS KIT.

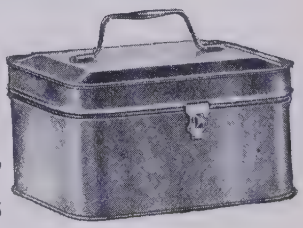


A splendid little outfit for individual service afield. Consists of canteen, frying pan, stew pan, plate, knife, fork and spoon. When desired, plate locks over frying pan and makes an excellent baker.

Canteen has removable felt jacket for keeping water cool, and entire outfit rests compactly and carries in canvas case, size, 9½x6x4 inches, with shoulder straps. Canteen is of tin with attached stopper. Fry pan, stew pan and plate of aluminum. Plated knife, fork and spoon. Used extensively by the U. S. Army for foreign service and highly recommended.

No. 1. Full Size Canteen. Weight, 2¼ lbs. Price..... $6.00
No. 2. Half Size Canteen. (Space for food.) Weight 2 lbs..... 6.50

SANDWICH BOXES.



For carrying sandwiches, cold meats, salads and prepared lunches for a day's outing. Made of light metal, nickel plated inside and out.

No. 1. Size 6½x5x3½ inches.
Weight, 10 ozs. Price..... $1.25
No. 2. Size, 7¼x6¼x4½ inches.
Weight, 15 ozs. Price..... 2.00
No. 3. Size, 8⅞x7¼x6 inches.
Weight, 23 ozs. Price..... 2.75

CADDIES.

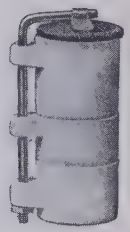
For Tea, Coffee, Cocoa, Chocolate, etc. Made entirely of metal, finished in bright nickel plate, strong and air-tight. Make the handiest and safest receptacle for carrying tea, coffee, etc. Have tight-fitting pull-off caps. Size, 2⅝ inches square and 5 inches high. Weight, 5 ozs. Each 75 cents.

BUTTER JARS.

For a day's outing or the picnic lunch no better receptacle can be had than these jars. White porcelain, glazed inside and out. Top of jar fastens with strap and buckle. Makes a splendid pot for jams or preserves.

Height, 3¾ inches; diameter, 3 inches. Weight, 12 oz. Each..... $1.00

SALT—PEPPER—MUSTARD SETS.



The three little porcelain pots are mounted on a metal rod and held in place by countersunk bottoms and cap is held tight by catch. In use the pots are swung apart and make a three-cup dish.
Size (closed,) $4\frac{1}{4}$ in. high. Weight, $5\frac{1}{2}$ oz. Each 70c.

PEPPER MILLS.

Grinds ordinary grain pepper in any size desired. Imported French make, very best quality, hard-wood and finely finished. Height $3\frac{5}{8}$ inches. Weight, $4\frac{1}{2}$ ozs. Each.....$1.00

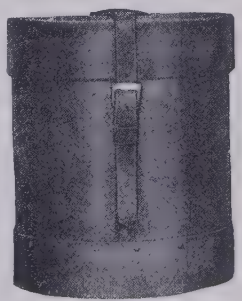
BOILER RINGS.

Pots are quickly converted into a double boiler or steamer for cooking cereals, mush, rice, etc. Its use is as follows: The larger pot is partly filled with water, the ring slipped on, and the smaller pot placed in the ring, which keeps the bottoms of the pots from touching. Thoroughly proven and entirely practical.

No. 1.	Ring, for A-C "Aluminol" Pots.	Weight, $5\frac{1}{2}$ ozs. Price..	$ .25
No. 2.	Ring, for B-D "Aluminol" Pots.	Weight, 6 ozs.....	.25
No. 3.	Ring, for C-E "Aluminol" Pots.	Weight, 7 ozs.....	.25

FIBRE COOKING OUTFIT CASE.

The only safe and really practical case for carrying a cooking set. Light in weight, but absolutely unbreakable. Fitted with strong strap and lock-buckle. Outfit may be shipped or checked as baggage with perfect safety. No. 1 takes our regular No. 6 outfit with space at top for towels, basins, etc.



No. 2 takes cooking outfit and pot stove, see page 76.

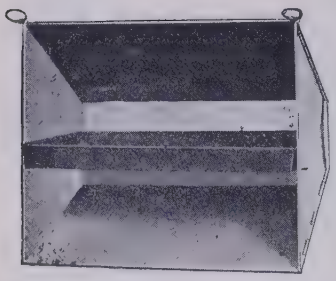
No. 1.	$15\frac{1}{4}$ in. high, $12\frac{3}{4}$ in. diameter.	Weight, $4\frac{1}{4}$ lbs.	Price...	$3.00
No. 2.	$16\frac{1}{2}$ in. high, 14 in. diameter.	Weight, $4\frac{1}{2}$ lbs.	Price...	3.50

WICKER COOKING OUTFIT CASE.

Made by hand from best quality French willow with pin and loop fastener.

No. A.	Height, 11 in.	Diam., $11\frac{1}{4}$ in.	Weight, $1\frac{1}{4}$ lbs.	Price	$2.50
No. B.	Height, $12\frac{3}{8}$ in.	Diam., $12\frac{3}{8}$ in.	Weight, $1\frac{3}{4}$ lbs.	Price	2.75
No. C.	Height, $15\frac{1}{2}$ in.	Diam., $13\frac{1}{4}$ in.	Weight, $2\frac{1}{4}$ lbs.	Price	3 25

ALUMINUM FOLDING BAKERS.



Probably no one article ever invented has done so much toward the comfort and convenience of the camp cook. They are absolutely perfect bakers and roasters, either with the open camp fire or the camp stove, and their light weight, together with the simple and compact manner in which they fold up for transportation, endears them to every woodsman. They are simple in construction, yet strong, and when folded, together with the pan, make only an inch in thickness. They will bake the most delicate cakes and biscuit or roast meats, fowl or fish better than a regular oven, and by moving them about, any degree of heat may be obtained at pleasure. Each baker has folding shelf attached and comes with steel baking pan.

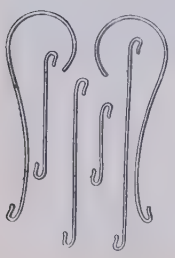
No. 1. Size of pan, 8x12 ins. Weight, complete, 2 lbs. Price $3.00
No. 2. Size of pan, 8x18 ins. Weight, complete, 2¾ lbs. Price 3.50
No. 3. Size of pan, 10x18 ins. Weight, complete, 5 lbs. Price 5.00
Bread Board, made of smooth pine wood. Weight, 1¼, 2 and 2¼ lbs. Price..... .50
Canvas Carrying Case and Shoulder Strap. Weight, 1 lb. Price 1.50

WIRE BROILER.

Made of heavily tinned steel wire in the regular manner with strongly reinforced edges. Ring jointed, but is a special size made expressly to fit our folding bakers and packs flat in the carrying case.

No. 1. Size, 7¾x18½ ins. Weight, 11 ozs. Price $ .20
No. 2. Size, 10¾x18½ ins. Weight, 16 ozs. Price .25
No. 3. Size, 12¼x18½ ins. Weight, 18 ozs. Price .30

POTHOOKS OR HANGERS.



Every camp cook will at once appreciate the usefulness of this most handy little article. No more upset pots, spilled dinners or burned fingers if these hooks are used. Pots are lifted off and on the fire easily and safely by means of these hangers. Any length of hanger may be adjusted instantly without removing pot from fire, by hooking two or more hangers together. Made of heavy steel wire, galvanized to prevent rust, in sets of six assorted sizes in carrying case.

Price, per set, 25c.

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PACKING

It can hardly be said that packing is one of the joys of a camper's life, for the trials and tribulations of the portage are many and varied. Still, it must be classed among the "necessary evils," inasmuch as its burdensome travail goes a long way toward accentuating, by contrast, the quiet content of the peaceful camp or the fierce joy of conquering the wilderness and writing, perhaps, one's name upon a virgin page. The toil and terror of the portage and trail is, of course, greatest to him who is most poorly equipped. Much may be spared one of trouble and discomfort by the selection of a correctly designed and properly made equipment, and in the following pages we show a collection of such, designed by those who "know how" and made as well as it is possible to make them. From among these one may select that article which is exactly suited to his any purpose—if he hesitates to choose we will do so for him, confident in our knowledge of the proper equipment.

IMPROVED CANVAS DUFFLE BAGS.

For Clothing and Provisions.

We are now making all our duffle bags in an entirely new manner, and which is a vast improvement in the method of manufacture over all other bags. This consists of a new method of making the seams, which are all reinforced at sides and ends, making the bag much stronger and more durable. We have also discontinued the old style handle, which gave more or less trouble, and are now making a handle of most excellent design, and which we guarantee will "stay put." This is attached by strong leather lugs, hand-sewed over metal D-rings to inside reinforcement, and which cannot tear out. The bags are fitted with inside neck or throat-piece which is first drawn together and tightly tied before closing bag with outside cord, making the bag absolutely tight and waterproof. For small heavy packs, such as food-stuffs, etc., we recommend the 10-inch size. For clothing the 12-inch is best, and for general packing, such as tents, sleeping bags, blankets, etc., the 15 and 18-inch sizes.

They are light in weight, easy to pack, can be carried anywhere and in any way and are accepted and checked as baggage by all railroad and steamship lines. They can be fitted with locks, of which we supply two designs (see page 142,) rendering them safe from prying fingers.

BROWN WATERPROOF CANVAS.

Handles, When Supplied, Placed on Side and Bottom of Bags.

Number	Diameter	Length	Weight	No Handles	With Handles
1	10 in	24 in	11 ozs	$0.75	$1.00
2	12 in.	36 in.	23 ozs.	1.15	1.40
3	15 in.	36 in.	29 ozs.	1.50	1.75
4	18 in.	36 in.	38 ozs.	1.80	2.05

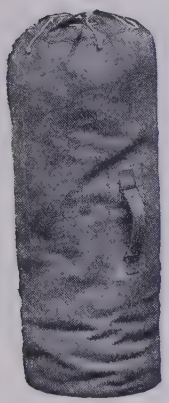
EXTRA HEAVY DUCK.

These bags are made of very heavy canvas, much stronger than the Brown Waterproof Canvas, and are intended for rough use. Made in same manner and handles, when ordered, placed in the same way.

Number	Diameter	Length	Weight	No Handles	With Handles
1x	10 in.	24 in.	21 ozs.	$1.05	$1.30
2x	12 in.	36 in.	31 ozs.	1.50	1.75
3x	15 in.	36 in.	43 ozs.	1.75	2.00
4x	18 in.	36 in.	51 ozs.	2.00	2.25

We make to order, promptly and at reasonable prices, special bags and carry-alls of every description and of any material.

"PORTO" DUFFLE BAGS.



The Most Durable Bags Made.

These bags, absolutely unequalled for durability and service, are recommended for use on long, hard trips by railroad, pack train, etc., and wherever subjected to unusual strain and excessive wear. For the prospector, exploration parties and foreign travellers they are especially desirable. Made from an extra fine grade of imported linen duck, absolutely waterproof, snag-proof and practically indestructible. Manufactured by us exclusively and with our new reinforced seam and patent handle. Handles placed on side and bottom unless otherwise ordered.

Number	Diameter	Length	Weight	Price
A	10 in.	24 in.	26 ozs.	$2.50
B	12 in.	36 in.	43 ozs.	3.25
C	15 in.	36 in.	52 ozs.	3.75
D	18 in.	36 in.	61 ozs.	4.25

"DUPLEX" DUFFLE BAGS.

A new department in duffle bags which will be at once appreciated. These bags are made double-ended, that is, open at both ends. The advantage is that clean and soiled articles need not be mixed in the packing. Also handy for the reason that in one end may be kept articles required every day and in the other end things which are only needed occasionally. Made of same material as our "Porto" bags and in the same manner, except that handles are placed on sides only.

Number	Diameter	Length	Weight	Price
AX	10 in.	36 in.	41 ozs.	$3.50
BX	12 in.	36 in.	49 ozs.	4.00
CX	15 in.	36 in.	59 ozs.	4.75
DX	18 in.	36 in.	70 ozs.	5.50

KHAKI INTERIOR CLOTHES BAGS.

For packing in any pack or duffle bag such articles as one may desire to keep clean and free from contact with other goods. Handkerchiefs, socks, underwear, medicine, toilet articles and other "small truck" are thus easily kept together and conveniently stored in camp.

For 10-inch bags, each..... $ .25
For 12-inch bags, each..... .30
For 15-inch bags, each..... $ .40
For 18-inch bags, each..... .50

FOOD BAGS.

The camper who has never used these bags has little idea of their great convenience, utility and saving of time and goods. Not only are the foodstuffs transported safely against loss by water or breakage, but in camp they become a most handy form of container and may at once be distributed. No bursted bags or broken boxes, and safe from injury by moisture and vermin. Made from a special fabric, light, clean and waterproof, and which does not in any way effect supplies packed therein. No. 1 holds approximately 5 pounds of such foods as flour, meal, etc., and No. 2 is twice the capacity. Both fit the 10-inch duffle bags, in which they are best carried. These bags are also handy for carrying the day's lunch and small articles which one wishes to keep dry.

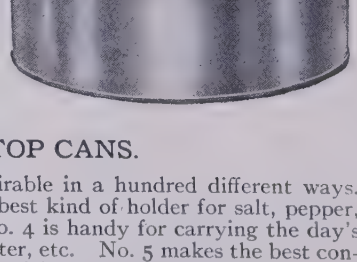
The pork bags are excellent for carrying pork, bacon, etc., as the material is grease-proof and there is no danger of injury to other articles in the pack.

No. 1. Diameter, 9 in.; depth, 9 in.; weight, $2\frac{1}{2}$ oz. Each.... $ .10
No. 2. Diameter, 9 in.; depth, $14\frac{1}{2}$ in.; weight, $3\frac{3}{4}$ oz. Each.... .15
Pork bags, diameter, 9 in.; depth, 12 in.; weight, 6 oz. Each.... .50

FRICTION-TOP TINS.

The only practical utensil for carrying and storing in camp such articles as lard, butter, cottolene, etc. Also for keeping dry tea, coffee, sugar, salt, matches, etc. Tops fit snugly, are absolutely water-tight and easily removed. Both sizes fit the 10-inch duffle bags.

No. 1. Diam., 8 in.; depth, 3 in.; weight, 11 oz. Each $ .25
No. 2. Diam., 8 in.; depth, 6 in.; weight, 16 oz. Each .40

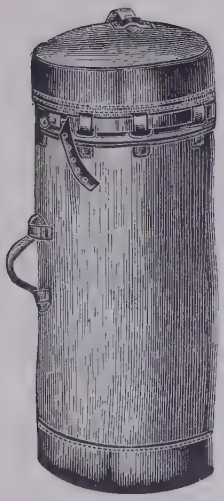


FRICTION-TOP CANS.

Useful and desirable in a hundred different ways. No. 3 makes the best kind of holder for salt, pepper, mustard, etc. No. 4 is handy for carrying the day's supply of tea, butter, etc. No. 5 makes the best container for many articles and for carrying small supplies of tea, coffee, chocolate, milk, etc. Nos. 3 and 4 or stamped from one piece of tin. No. 5 is machine clamped.

No. 3. Diam., $2\frac{1}{8}$ in.; depth, 1 in.; Each. $ .05
No. 4. Diam., $3\frac{3}{8}$ in.; depth, 1 in.; Each. .05
No. 5. Diam., $3\frac{3}{8}$ in.; depth, $5\frac{1}{8}$ in.; weight, $5\frac{1}{4}$ ozs.....Each, .10

"SECURITY" DUFFLE BAGS.



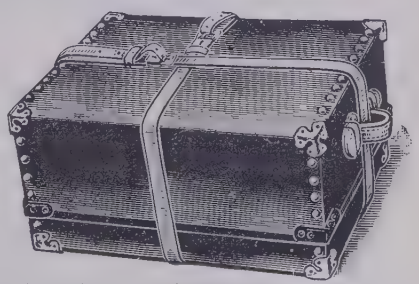
This is the "de luxe" edition of all duffle bags and which will commend itself to all sportsmen desiring a strong, handsome and durable bag for clothing and personal belongings that is safe from damage and safeguarded against intrusion while in camp or in transit. Made of extra heavy waterproof Pantasote "double duck," with heavy waterproof leather ends or bottoms, and strongly reinforced for four inches up the sides with waterproof leather. Has extra waterproof neck or throat-piece at top, and is closed and fastened by means of a strong strap, passed through interlocking loops and metal eyelets, and secured by brass lock-buckles in such manner that it cannot be opened except the bag is destroyed. Strong hand-sewed leather handles on side and both ends. All leather used on this bag is our special waterproof "Indian tan", which will not dry out stiff and hard after wetting, and is the most durable of leathers.

Special sizes made to order.

No. 1. Diameter 15 in.; length 36 in.; weight, 8½ lbs. Price... $15.00

No. 2. Diameter 18 in.; length 36 in.; weight, 11 lbs. Price... 18.00

FIBRE PANNIERS.



These cases are very light in weight, absolutely unbreakable, and their capacity is enormous. The only really safe case for shipping fragile goods as baggage or over very bad trails.

We carry two sizes, suitable for packing on the back or by pack saddle, wagon, sled or canoe. Fitted with special lugs or slings for carrying on pack saddles when so ordered. Made of special hard fibre, unaffected by water, with steel-bound edges and corners. Heavy hand-sewed leather handles at each end and fastened by two heavy leather straps with lock-buckles.

No. 1. Inside measure (closed) 18x24x12 in.; weight, 20 lbs..... $10.75

No. 2. Inside measure (closed) 17x26x9 in.; weight, 15¼ lbs..... 9.75

BAR-LOCK FOR DUFFLE BAGS.

For fastening securely all sizes of duffle bags. Consists of strong brass bar which is passed through grommets in top of bag in place of the usual tie-cord and secured by padlock at eye in end of bar. Bags with this lock cannot be packed as full as regular bags and require special grommets (no extra charge,) which please note when ordering.

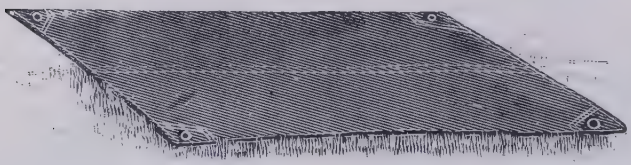
Bar-Lock, with padlock; weight, complete, 6 oz. Price..... $1.00

HANDLE LOCK.

A most handy locking device in that it combines a secure lock with an excellent handle. Lock consists of handle and bar, hinged together. Bar is passed through grommets in top of bag and secured by padlock at eye in end of handle. Made of solid brass, highly polished. Bags for this lock require special grommets (no extra charge,) which please note when ordering.

Handle-Lock with padlock; weight, complete, 7 oz. Price..... $1.50

PACK CLOTHS.



Made of light-weight brown waterproof material of most suitable size for packing with tump line. (See page 143.) They are very useful in many other ways for covering goods in transit, emergency shelters, ground cloths, etc.

No. 1. Size, 5x6 ft.; weight, 2¼ lbs. Price $1.75
No. 2. Size, 6x7 ft.; weight, 3½ lbs. Price 2.50

AMMUNITION OR LUNCH BAGS.

A handy and convenient little packing bag in many ways. Excellent for carrying small personal belongings, shells for duck shooting, and the day's lunch. Made of waterproof canvas with belt loops and shoulder straps, with snap-hooks and two pockets.

No. 1. Light canvas, size 10x12 in.; weight, 12 oz. Price..... $1.00
No. 2. Heavy canvas, size, 10x12 in.; weight, 16½ oz. Price..... 1.75

TUMP LINES.

This method of transportation, used almost exclusively by the Indians and Hudson Bay Company's packers of Northern Canada, consists of a broad band of leather, called the head-strap, to which are attached two long leather straps or thongs. To the uninitiated it may at first appear to be an awkward and back-breaking contrivance, but once accustomed to the hang and balance of the tump line, one finds it to be the easiest and most comfortable method of packing. It is much better than any other form of pack harness on rough or dangerous trails from the point of safety, for at a threatened slip or fall the pack may be instantly thrown off by a quick twist of the head. With this pack it is possible to transport much greater loads than with any other and with less trouble of adjustment, the tump line being secured to the lowest package only and as many other packages piled and balanced on top as the packer can manage. When used with the pack cloth the pack is made as follows: Spread pack cloth flat, lay head piece near one end and the two thongs straight across and about a foot from the sides. Fold the sides of cloth over the thongs and pack the duffle (keep hard things inside) in a pile about two feet long, beginning about a foot from the head-strap. Fold the loose end of cloth and thongs over the pile, grasp thong near head-piece and haul on free end of thong until the sides of cloth pucker up in a close bunt, as if pulled by a draw-string. Knot the thong, bring together at middle of pack, twist once around each other and tie around middle of pack. Adjust the head-strap by means of the buckles and the pack is ready. Our tump lines are made with specially shaped head-straps of very best leather, fitted with solid brass buckles and soft, flexible and waterproof leather thongs.

Weight, 14 oz. Price..... $1.75

PACK HARNESS.

Where the tump-line is not preferred this is the best form of harness for general packing.

Readily adapted to all sizes and shapes of packs—bags, boxes, kegs, heads, carcasses, etc. All made with our special pattern shoulder yoke, which fits easily and distributes the load evenly. Shoulder and breast straps adjustable. Made from the very best heavy oak-tanned leather, hand-sewed and riveted, with solid brass buckles and strong canvas shoulder yoke.

Weight, $1\frac{3}{4}$ lbs. Price.....$3.00

COMBINATION PACK STRAP

This is an excellent pattern for heavy packing and combines the pack harness with its shoulder yoke and the head-strap of the tump-line. Each method of packing may be employed, separately or together as desired, by merely slipping the head strap on or off. Made same as Pack Harness, but has adjustable head-strap attached.

Weight, 2 lbs., 6 oz. Price.... $4.00

PACK BASKETS.

Our baskets are made especially for us of hand-riven oak splits, interwoven with rattan, making the strongest and best basket on the market. Made with large mouth, to permit of easy packing, and with flattened back to fit the form. We recommend for general use the covered baskets which are absolutely tight and waterproof, and are fastened by lock-buckle and strap. Shoulder straps adjustable, with sliding pad, fitted with snap-hooks. All straps best heavy leather and hand-sewed.

Regular Basket, waterproof cover, size 18x14$\frac{1}{2}$x18$\frac{3}{4}$ inches high; weight, 7 lbs.....Price, $6.70

Plain Basket, carrying straps only, size, 17x13x18$\frac{1}{2}$ inches high; weight, 5 lbs.....Price. 4.50

"MAINE" CAMP PACK.

Made on the principle of the knapsack and is a good pack for moderate loads. We use a heavy brown waterproof canvas, perfectly weather-tight and which is much lighter and equally as durable as the old style leather packs. The carrying straps are adjustable and we use the same model shoulder-yoke as on our harness, making the pack fit snug and comfortable. Besides the pack proper there is a large pocket inside the flap for such articles as are desired to be kept separate. The pack is closed at top by two flaps and the large outside flap is secured by strap passing around the pack. Best leather straps and solid brass buckles, handsewed.

No. 1. 6x16x22 in.; weight, 2¾ lbs. $5.50
No. 2. 4x14x16 in.; weight, 2½ lbs. 5.00

"GARDINER" PACK.

A new pack, designed especially for medium weight packing. Made of heavy, waterproof duck, reinforced with leather at points of greatest strain. Carrying straps are wide and so arranged that pack holds close to the shoulders, and tight against the body.

Brass D-rings are sewn along both sides and bottom of the pack, through which thongs may be laced to hold extra duffle, game, etc. Rings are provided for tump line, which may be used if desired.

The pack is very strongly made and finished by hand.

Length, 24 inches; width, 16 in.

Without tump line, 3¼ lbs. $5.00
With tump line, 3¾ lbs.... 5.80

RUCK SACK.

The best pack ever devised for the carrying of light loads and the small personal belongings. Makes an excellent pack for women's use and is handy for carrying a few necessities when "going light." Also known as the Swiss mountain pack and was designed and first made by Alpine mountain climbers. It is an oblong bag open at top and closing with a draw string, the opening being covered with a protecting flap to buckle. The straps, which are adjustable, pull from the center and fasten with snap-hooks.

Bag and straps are very light and when not in use may be rolled up and carried in the pocket. Made of waterproof English gabardine, light and strong, and canvas.

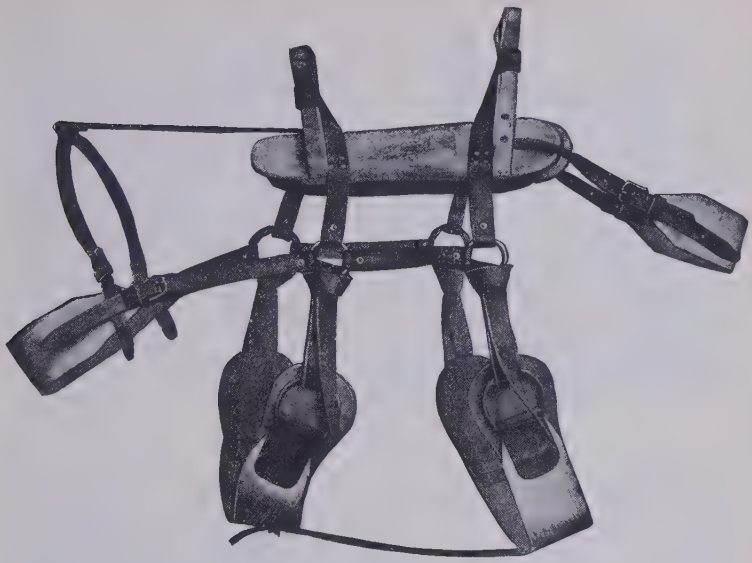
No. 1. Gabardine. Size, 16x20; weight, 18 oz. Price..... $3.50

No. 2. Canvas. Size, 22x22; weight 24 oz. Price..... 3.50

"NESSMUK" PACK.

This excellent pack has been made famous by "Nessmuk," the old-time woods traveller and writer. It is designed for carrying light or moderate loads in a compact form and is a very good model for "going light," tramping trips, mountain climbing, etc. The bag itself is a soft, flexible bag with tapering boxed sides, slightly indrawn at top. The opening is closed with an inner throat-piece, in the same manner as our duffle bags, and protected by large flap fastening with strap and buckle. The adjustable carrying straps are made of stitched cloth, light, cool and strong, fitted with metal eyelets. These straps are attached at and pull from the center of the pack, which carries easily and without interfering with the use of the arms.

Made of brown waterproof canvas, size, 5x12x20 in.; weight, $1\frac{3}{4}$ lbs.
Price..... $2.50



PACK SADDLE.

Our pack saddles are made in the latest improved form and are designed and approved by experienced Western and Government packers. The trees we use, which are made especially for us, are designed to work with the general run of horses and are easy and snug fitting. They fit the average pack horse perfectly and lessen many of the trials and tribulations of a trip with pack animals. The wood is carefully selected, and while light, is tough and durable, and the horns are riveted on. Breast strap, breeching and cinches made from folded and machine stitched canvas which is superior in every way to webbing. Cinches have heavy chafe-leathers under rings and adjusting strap. Harness or rigging made throughout of very best oak-tan harness leather, sewed by hand. Latigoes are of chrome-tan leather, soft and pliable, and will never become hard or stiff from wetting. All rings and buckles solid brass. Made in the best possible manner throughout and we guarantee them superior to any other make. Furnished regularly with double cinch which is much the best for all-around use. Single cinch saddles made to order only.

Double cinch saddle, weight, 12 lbs. Price.....	$16.60
Single cinch saddle, weight, 10 lbs. Price.....	13.00
Pack Horse Bells, with strap (see page 149.) Price.....	1.35
Pack Saddle Blankets, 4-fold; weight, 2¾ lbs. Price.....	2.00
Heavy Waterproof Pack Sheets, size 4½x5; weight, 6 lbs. Price.	1.75

ALFORJAS.

A saddle-bag or pannier for use with pack saddles. We have adopted the most generally approved design and of the proper size for carrying two fifty-pound sacks of flour. Made of a special grade of extra heavy duck, with heavy leather loops to fasten over horns of saddle. Latigo straps of heavy chrome-tan leather, sewed all around and riveted. Will stand all sorts of rough usage.

Width, 22 inches; height, 17 inches; depth, 7 inches. Weight, 12 lbs.

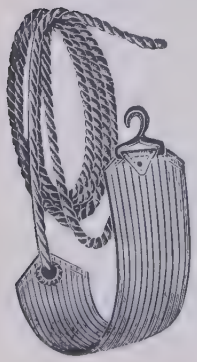
Price, each, $5.00

KYACKS.

Used the same as Alforjas, but may be shipped without danger to contents. Made from a special grade of fibre which is unaffected by water and absolutely unbreakable. Reinforced by steel bands and corners. Fitted with heavy leather lugs for slinging on pack saddle. Has leather strap fastening with lock-buckle. Positively the strongest and best made.

Size, 22x17x9. Weight 12½ lbs.

Price, each, $10.00

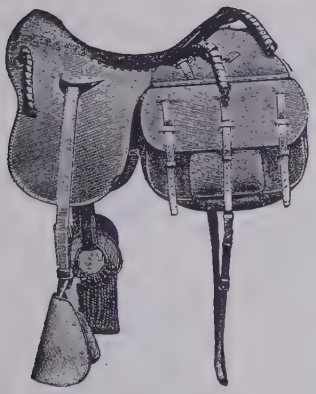


HITCH ROPE.

For securing the load on packhorses or tying down the waterproof mantle or cover over all.

Made from rope manufactured especially for the purpose, of the best Manila hemp, 1¾ inches in circumference. Spliced to seven-inch wide machine-stitched canvas cinch, and has brass hook, Mexican pattern. The proper rope for throwing the "diamond," "Canadian" and other famous "hitches." Length of rope, 33 feet; weight, 4½ lbs. Price $2.00

SADDLE BAGS.



A most convenient and safe method of carrying a number of the smaller articles frequently needed when traveling on horseback. Hand made of the very best quality russet or black saddle leather, and finely finished throughout. Has cinch-strap to prevent "flopping." Weight, 4 lbs. Price, russet or black, per pair, $12.00. With waterproof lining in pockets, extra, $3.00. Made of waterproof Pantasote duck, weight, 4 lbs.

Price, $10.75.

LARIATS.

A special three-strand rope made for us exclusively, and is the very best in the market for the purpose. Easier and quicker to handle, and will not swell or stretch like the four-strand usually sold. Extra hard twist, best quality long-fibre Manila. Eye spliced over polished brass honda. End finished with knot and tassel. 7-16 in. diameter.

No. 1, length, 40 ft.; weight, 2½ lbs. Price, $1.75
No. 2, length, 50 ft.; weight, 3 lbs. Price, 2.00

PACK HORSE BELLS.

For use on long trains or when animals are picketed out for the night.

Strayed or lost animals are easily located by these bells and much time is saved thereby in rounding up a pack outfit. Best bells, with extra heavy best harness leather strap.

Complete with strap, weight, 1 lb. Price.... $1.35
Bells only, weight, 11 oz. Price..... .35

SADDLES.

Owing to the wide difference in shapes, makes, styles, leathers, etc., we carry no regular models in stock, but can supply any standard or special makes at regular prices.

LIQUOR CANTEENS.

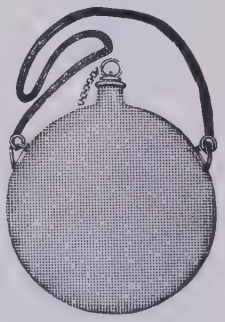
Made of fine-grained oak wood and strongly bound with galvanized iron hoops. Fitted with brass bail handle with wood grasp and have shoulder strap fastening with snap-hooks. Screw cap fastened to canteen with chain. Practically unbreakable and the only safe method of carrying brandy, whiskey, etc.

No. 1. Capacity, 2 quarts; size, 8x4½ in.; weight, 2¼ lbs. Price..... $2.00

No. 2. Capacity, 4 quarts; size, 9¾x5 in.; weight, 3¼ lbs. Price..... 2.50

ALUMINUM ARMY CANTEEN.

Approved by the U. S. Government. Made in one piece of aluminum without seams or solder to leak or give trouble. Guaranteed water-tight. Covered with felt and strong canvas jacket. Fitted with shoulder straps and snap-hooks. Aluminum receptacles should not be used for whiskey, brandy or alcohol. Diameter, 8 in.; 2 in. thick; capacity 2½ pints; weight, 12 oz. Price $2.50



"LENTZ" CANTEENS.

The standard canteen of the United States Army. Made of heavy stamped, tinned steel and is concave on one side so as to fit the form and carry more conveniently. Has cork safety stopper with ring and attached by chain. Covered with felt for keeping water cool, and fitted with strong canvas cover, which laces on, and webbing shoulder strap with snap-hooks.

Size, 8½x2½ in.; capacity, ½ gallon; weight, 18 oz. Price..... $2.50

WATER BOTTLE.

These bottles make a most satisfactory receptacle for water for the use of canoeists and boatmen and also for carrying water into arid regions. Made of special Khaki waterproof duck, with funnel top for convenience in filling, and loop for suspension. Fitted with wooden neck and cork stopper.

Capacity, 22 pints; weight, 12 oz. Price.... $1.50

Special water panniers for all purposes made to order.

SELF-COOLING WATER BAG.

In tropic regions the obtaining of cool water is often a most difficult matter. The use of this bag obviates such troubles to a remarkable degree. It is made of heavy linen duck and, when filled, exudes constantly a slight amount of water which, from the rapid evaporation, cools the contents. To secure the best results they should be hung in a draught or current of air in order to aid evaporation—the quicker the evaporation the colder the water. Fitted with porcelain neck, cork stopper and rope sling.

No. 1. Capacity, 2½ gallons; weight, 1 lb. Price..... $1.25
No. 2. Capacity, 5 gallons; weight 1½ lbs. Price..... 2.00

METAL FLASK.

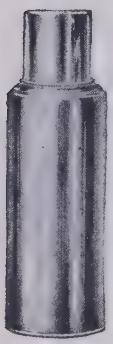
We consider this the very best flask made for all-around use and especially for the camper, tourist, etc. Will not affect the flavor of any liquor and is unbreakable. The top, when unscrewed, forms a collapsible drinking cup, a most excellent feature. Made of best white metal and finished in heavy quadruple silver plate. Superior to a solid silver flask on account of its lightness and greater stiffness. Capacity, 1 pint; weight, 11 oz. Price.....$4.50

GLASS FLASKS.

Fine grade heavy glass. Has screw tops which are fastened by being "blown in" with the glass and leakage, so common in ordinary flasks, is impossible. Covered with pigskin and fitted with removable metal bottom for drinking cup. A fine flask in every respect and very highly recommended.

No. 1. Capacity, ½ pint; weight, 12 oz. Price $1.50
No. 2. Capacity, 1 pint; weight, 18 oz. Price 2.00
No. 3. Capacity, 1 quart; weight, 29 oz. Price 2.50

VACUUM BOTTLES.



No invention of modern times has been of such inestimable importance and benefit to campers and sportsmen in general as these wonderful containers. Briefly, the principle is one bottle blown inside another and a vacuum created between. As a vacuum is unaffected by either heat or cold, the contents of these bottles, whether boiling hot or ice cold, remain practically without change for hours. Cool drinks in the hottest sun, and hot soup or coffee on the coldest day are always ready. Will keep liquids freezing cold for 72 hours and boiling hot for 36 hours. The bottles require no attention beyond being kept clean, but should be warmed before pouring in hot liquids and cooled before filling with cold liquids. While the earlier forms of these bottles were quite fragile, the latest models are so protected as to be quite safe against damage except by severe jars or blows.

NEW MODEL "THERMOS" BOTTLES.

The original vacuum bottle and the best known. In use everywhere in the civilized world. Nickel plated metal cases with screwtop, cap and cup. Bottles can be replaced when broken.

Pint size.....$3.75 Quart size.....$5.75

THE "THERMOS" JAR.

Keeps solid foods hot or cold in the same manner as the bottles. Heavy nickel cases with removable jars. Gold lined serving dish fits around bottom. Price, $15.00. Wicker cases, for 1 jar, $3.00; for 2 jars, $4.00.

"EVER-READY" BOTTLES.

Similar to the "Thermos," but bottle is wrapped in cushion padding and fitted into metal casing. Has patent spring-top cork, which is always tight and prevents gaseous and carbonated liquids from losing their effervescence. Caps fasten with slotted bayonet catch.

Nickel Plated Cases.....	Pints	$5.00	Quarts	$7.50
Rattan and Nickel Cases.....	Pints	6.00	Quarts	8.50
Fancy Leather Cases.....	Pints	6.50	Quarts	9.00

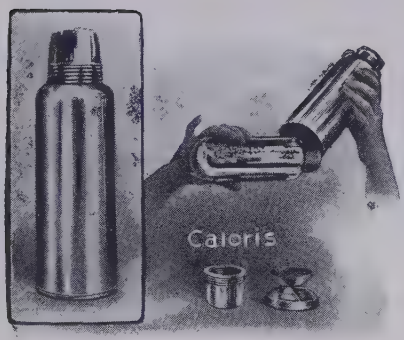
"JANUS" BOTTLES.

These bottles mark a new departure in vacuum bottle making. The bottle is made separate from the cover or casing and, if broken, may be easily replaced by simply slipping a new bottle into the casing, a considerable saving in time and expense.

This bottle is held firmly in a clip at the neck and bottom rests on a rubber cushion. Fitted with aluminum tipped laminated cork, which is proof against moisture and push-on cap, which serves as cup.

	½ Pts.	Pts.	Qts.
Nickel Plated Cases.....	$2.50	$3.75	$5.75
Nickel and Morocco Leather.....	3.50	4.75	6.75

"CALORIS" BOTTLE.



Bottles instantly removable for cleaning and sterilizing, and in case of breakage can be quickly replaced. The cases are made to stand hard usage, are heavily padded and the bottles rest upon a spring clip at bottom and rubber collar at top, minimizing all jolts and jars. Bottom fastens with bayonet catch and is removed by a simple twist.

Nickel plated case, screw-top cup. Pints, $3.50. Quarts, $5.50.

WICKER BOTTLE CASES.

The lightest, strongest and best protective case for all bottles. Hand made of fine round willow, with loop and pin fastening and handle.

Pints, $1.50. Double Pints, $2.50
Quarts, 2.00. Double Quarts, 3.50

LEATHER BOTTLE CASES.

The most compact and handsome cases, and while not as good for protection as the willow cases, are very durable and excellent for ordinary use. Made in all styles, sizes and leathers.

	Single Pints.	Double Pints.	Triple Pints.
Walrus	$2.00	$3.00	
Sole Leather	2.50	3.50	$4.50

	Single Quarts.	Double Quarts.
Walrus	$3.00	$4.50
Sole Leather	3.25	4.75

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TRAPPING

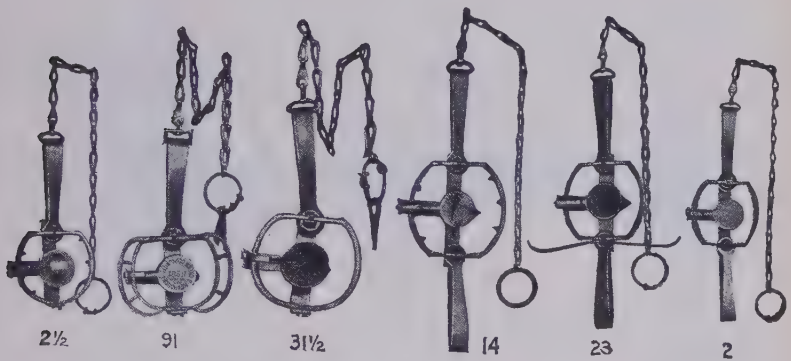
The wily art and cunning of the Indian and backwoods trapper has always held a most subtle and enticing interest for all who go to the woods. There is, perhaps, no more keener game in the great life of out of doors than pitting one's skill and knowledge against the natural cunning and guile which is every wild creature's endowment. Many wonderful lessons of woodcraft and natural animal life must go unlearned unless Nature's cipher pages be closely studied, and nowhere must the lines be scanned as keenly as here.

To the trapper many signs and portents are plainly visible which, to the unseeing gaze of the neophyte, are merely faint cryptic marks in a vast void of nothingness.

For the naturalist and hunter of specimens and trophies, traps are indispensable, and many rare and valuable species of animal and bird life can be secured in no other way. We carry a full line of the celebrated Newhouse, Oneida Jump and Victor traps in stock, suitable for all purposes, as well as wrenches, drags, chains, links, etc.

To the beginner we would commend "The Trapper's Guide," which gives full instructions. In cloth binding, 50 cents, in paper cover 25 cents, postpaid.

GENUINE "S. NEWHOUSE" TRAPS.

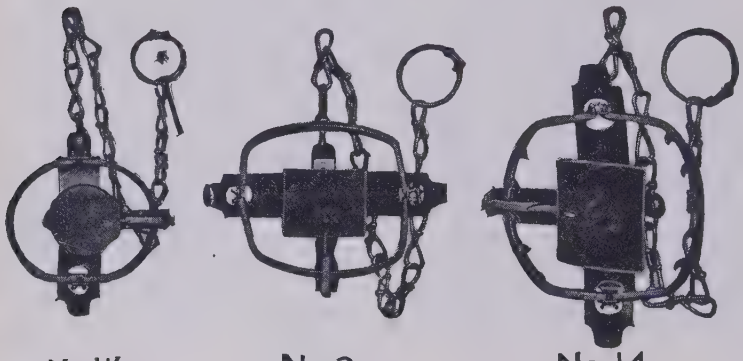


Finest material and hand forged. The best and most powerful traps made. Prices include chains.

			Each
No.	0.	For rats, etc., single spring, jaws spread 3½ in.	$ .21
No.	1.	For muskrats, skunks, etc., single spring, jaws spread 4 ins.	.22
No.	81.	Same as No. 1, but with web jaws.	.27
No.	91.	Skunk or mink, double jaw, spread 5½ ins.	.29
No.	91½.	Mink, raccoon or fox, double jaw, spread 6½ ins	.43
No.	1½.	For mink, foxes, etc., single spring, jaws spread 4⅞ in.	.36
No.	2.	Same as No. 1½, but with double spring	.50
No.	2½.	For otter, single spring, toothed jaws, spread 5¼ ins.	.79
No.	21½.	Otter, same as No. 2½ but has no teeth.	.62
No.	3.	For otter, double spring, jaws spread 5½ ins.	.67
No.	3½.	For otter, single spring, toothed jaws, spread 6½ ins.	.88
No.	31½.	Otter, extra large, no teeth.	.74
No.	23.	Same as No. 3, with detachable clutch.	.79
No.	4.	For beaver, double spring, jaws spread 6½ ins.	.79
No.	14.	Same as No. 4, with offset toothed jaws.	.84
No.	24.	Same as No. 4, with detachable clutch.	.91
No.	4½.	For wolf, double spring, jaws spread 8 ins., with drag.	1.90
No.	50.	Small bear, double spring, toothed jaws, spread 9 ins.	4.04
No.	150.	Same as No. 50, with offset toothed jaws.	4.04
No.	5.	Large bear, double spring, toothed jaws, spread 11¾ in	5.70
No.	15.	Same as No. 5, with offset toothed jaws.	5.70
No.	6.	Grizzly bear, double spring, toothed jaws, spread 16 in	13.30

For wrenches, links, etc., see page 157.

ONEIDA "JUMP" TRAPS.



No. 1½ No. 3 No. 14

These traps are lighter than the regular model and easier to carry. They are also much less bulky on account of the short springs. Their value in trapping is due to the fact that the peculiar shaped springs cause the trap to jump up a little when sprung, getting a high hold. On account of their small size they lie very flat and are easily secreted in the holes and "runways." Made of very best steel with wide meeting faces —not likely to break an animal's leg. Prices include chains.

No.	0J.	Rats, gophers, rabbits. Single spring	Price, each	$ .13
No.	1J.	Muskrat, hares. Single spring	Price, each	.15
No.	1½J.	Mink. Single spring	Price, each	.22
No.	2J.	Coon, skunk, 'possum. Double spring	Price, each	.30
No.	12J.	Same as No. 2J, with teeth. Double spring	Price, each	.33
No.	3J.	Fox or otter. Double spring	Price, each	.40
No.	13J.	Same as No. 3J, with teeth. Double spring	Price, each	.43
No.	4J.	Otter or wildcat. Double spring	Price, each	.47
No.	14J.	Same as No. 4J, with teeth. Double spring	Price, each	.50

VICTOR TRAPS.

For those who prefer a lighter and less expensive trap than the "Newhouse," we recommend these traps as excellent in every way. Made on identical patterns of the "Newhouse" throughout and will give good service. Prices include chains.

No.	0V.	Gopher or rat	Price, each	$ .10
No.	1V.	Muskrat	Price, each	.11
No.	1½V.	Mink	Price. each	.17
No.	2V.	Fox	Price, each	.23
No.	3V.	Otter	Price, each	.31
No.	4V.	Beaver	Price, each	.36

TREE TRAPS.

Genuine "Newhouse". Make and an excellent model for mink, martin, raccoon, opossum, etc. Attached quickly to trees by nails or wire and is a sure catch. Does not get snowed under and is easy to locate.

No. 0T. For weasel, ermine, squirrels, etc.; weight, 17 oz. Each $ .17
No. 1T. For mink, marten, etc.; weight, 20 oz. Each..... .20
No. 2T. For raccoon, 'possum, etc.; weight, 23 oz. Each..... .23

"NEWHOUSE" GOPHER TRAP.

The best trap of the kind on the market for catching gophers, rabbits, etc. Made in "Newhouse" quality only. Easy and simple to set, quick and positive in action. Weight, 6 oz. Each $ .10

BIRD TRAPS.

An excellent model for the purpose and a sure catch for small and medium sized birds. Largely used by naturalists and collectors. Light, small and compact—a number can be carried in the pocket.
Weight, 2 oz. Price, each..... $ .15

TRAP CLAMPS.

Large traps are impossible to set without the use of powerful levers, which are often unhandy and, in a boat or canoe, out of the question. These clamps solve the difficulty and by their use one man can easily and safely set the largest and most powerful traps.

No. 4. For all traps up to No. 4, weight, 3 oz... $ .11
No. 5. For traps Nos. 4½, 50 and 5; weight, 15 ozs. .26
No. 6. For No. 6 bear trap; weight, 26 oz..... .44
(Double spring traps require two clamps.)

WOLF TRAP WRENCH.

Designed especially for quickly setting wolf traps Nos. 4 and 4½. Much quicker than clamps. Spring is pressed down with the foot and wrench slipped on between foot and jaws. Slotted to fit both jaw and post nuts, for bending the dog, and has small hammer head. Slit in center for carrying strap. Price, each, 10 cents.

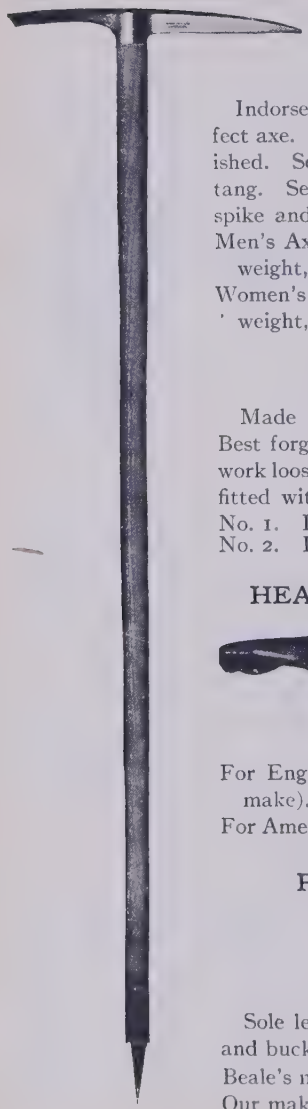
DRAGS.

A heavy, unbreakable two-prong drag, anchor shaped, for use with fox or wolf traps. Made of wrought steel and fitted with S-hook for attaching to any chain. Much better than a log drag and always handy. Fox Drag, each 20 cents. Wolf Drag, each 25 cents.

COLD-SHUT REPAIR LINKS.

These handy articles are practically indispensable on the trapping "line." Broken chains are mended in an instant and one or more quickly joined together. Made of unbreakable malleable iron.

Trapper's Assortment, box of 6 doz. assorted sizes. Price..... $ .35
Farmer's Assortment (larger,) box of 2 doz. assorted sizes..... .25



ENGLISH ICE AXES.

(A. Beale, London.)

Indorsed by the English Alpine Club as the perfect axe. Hand-forged from best steel and finely finished. Secured to handle by countersunk two-prong tang. Selected hickory handles, fitted with steel spike and ferrule.

Men's Axes.—Length, 42, 44 and 46 inches; weight, about 2¾ lbs. Price..... $13.00

Women's Axes.—Length, 40 and 41 inches; weight, about 2½ lbs. Price..... 13.00

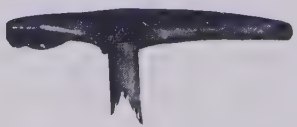
AMERICAN ICE AXES.

Made especially for us after exclusive pattern. Best forged steel, double bolted to shaft and cannot work loose but is removable for transportation. Shaft fitted with steel spike and ferrule.

No. 1. Length, 54 in.; weight, 4¼ lbs..... $7.50

No. 2. Length, 48 in.; weight, 3¾ lbs..... 7.50

HEAD GUARDS OR SHEATHS.



Made of the best sole leather and hand-sewed. Effectually covers blade and pick.

For English axes, stud fastening. (Beale's make)..... $5.00

For American Axes (our make) snap fastening 3.50

POINT OR SPIKE GUARDS.

Sole leather and hand sewed, fastening with strap and buckle.

Beale's make, weight, 1¾ oz. Price..... $2.25

Our make, weight, 1¾ oz. Price..... 1.50

WRIST SLINGS OR CARRYING STRAPS.

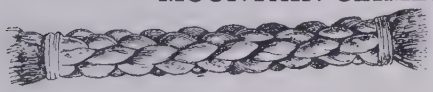
There are many times and places in mountain climbing when it becomes awkward and difficult to carry the axe or alpenstock in the hand—often impossible. This handy little sling, as shown in the illustration, is buckled over the shaft of the axe or alpenstock and the loop slipped over the wrist. This leaves the hands free for holding the rope, assisting others, etc., without danger of losing the axe. Made of very best sole leather, hand sewed.

Weight, 1½ ozs.. Price..... $1.25

LIFE OR ROPE BELT.

A good belt for use with the life rope is indispensable for difficult mountain climbing. This belt answers every requisite and is indorsed by the English Alpine Club. Made of heavy sole leather, 2½ inches wide, fitted with heavy double-tongue steel buckle and steel guy-ring, both hand sewed and riveted. Weight, 11 ozs. Price..... $4.50

MOUNTAIN CLIMBING ROPE.



The selection of a rope for mountain climbing—the "life line"—should be made with great care. We import two styles of rope, both made especially for the purpose, which are indorsed by all authorities as the very best.

SWISS LINEN ROPE.

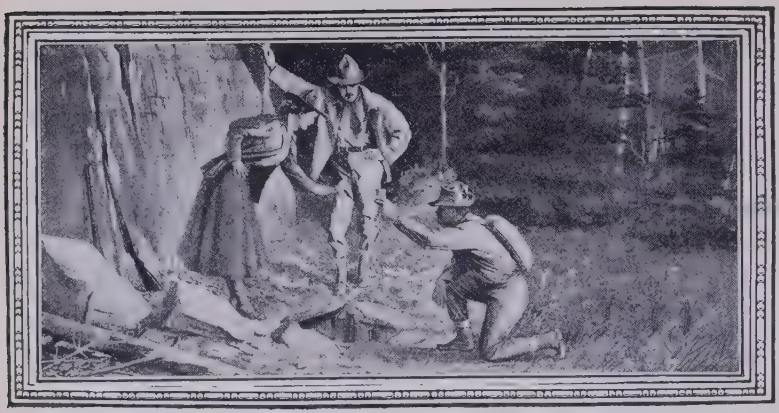
Made from the finest flax and the best rope made. Braided by a peculiar process which brings each strand through from side to side and for this reason is not rendered useless if partly cut or chafed through. Will not kink or twist, always soft and pliable, very light in weight.

No. 1.	Diameter, 10 mm.	Strength, 1700 lbs.	Price, per yard,	$ .24
No. 2.	Diameter, 11 mm.	Strength, 1800 lbs.	Price, per yard,	.27
No. 3.	Diameter, 12 mm.	Strength, 1900 lbs.	Price, per yard,	.30

ENGLISH ALPINE ROPE.—(A. Beale, London.

A soft twisted rope made from finest hemp. Indorsed by the English Alpine Club. Carried in stock in five lengths and two weights.

Length, 40 feet.....	Heavy,	$3.00	Light,	$1.50
Length, 60 feet.....	Heavy,	4.50	Light,	2.50
Length, 80 feet.....	Heavy,	6.00	Light,	3.00
Length, 100 feet.....	Heavy,	7.25	Light,	3.75
Length, 200 feet.....	Heavy,	14.50	Light,	7.50



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OUTING CLOTHES

This department has, under our close and careful attention, reached a degree of skill and excellence never attained by any other house. Our wide acquaintance among sportsmen of every calling and our thorough knowledge of their requirements enables us to present not only the best and most serviceable materials, but to make them in the proper way. The intelligent making of garments for sporting purposes is an art in itself, and necessitates a very exact knowledge of the proper cut and making.

In late years there has been a tremendous increase in the number of women who have elected to share the sportsmen's pleasures and hardships, and their especial needs, too, have received at our hands the most careful consideration. The various styles of materials we offer, many of which are made expressly for our use, are of the finest quality, and we employ none but the most skilled cutters and operators to be had.

We take especial pride in that the work of this department is of such excellence that we can and do assure perfect satisfaction to the most exacting.

Samples of any material, with self-measurement blanks and instructions, will be sent upon request, but, whenever possible, we prefer to take our own measurements.

"BLOOMING GROVE"

Hunting coat, large game pockets. Semi-riding breeches laced at side.

"MUSKOKA"

Seven gored skirt, open in front, with belt attached and Stanley pockets.

"NEPIGON"

Norfolk Fishing Coat. Knickerbockers with button cuff.

"CASTALIA"

Fishing Coat with Stanley pockets, military collar.

"BANFF"

Long sack coat with Stanley pockets and military collar. Knickerbockers with strap and buckle.

"DAKOTA"

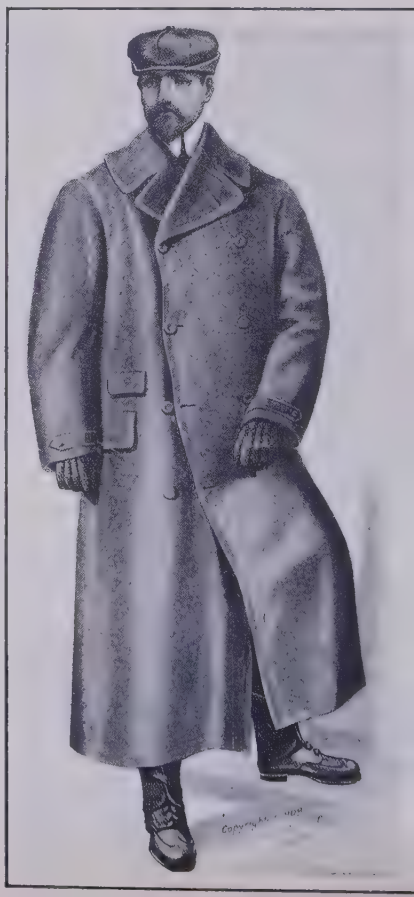
Double breasted coat. Knickerbockers with strap and buckle.

"CHALMERS"

Long automobile
rain coat.

"DETROIT"

Automobile Ulster.

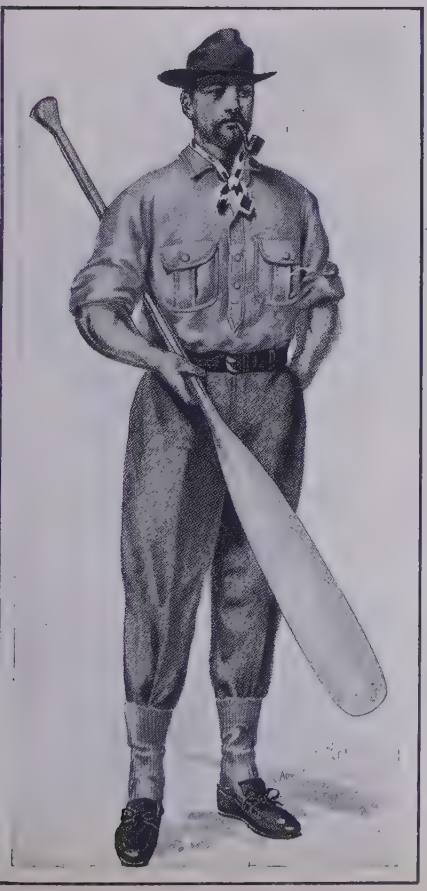


"TOURILLI"

Plain skirt, open back.

"ALLAGASH"

Full cut peg-top long trousers.

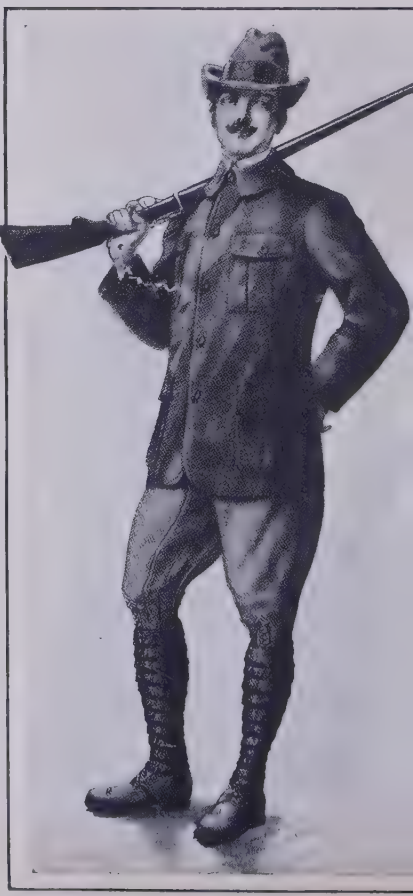


"MEGANTIC"

Long shaped jacket, short walking skirt, open back.

"AROOSTOOK"

Hunting coat, Stanley pockets, military collar, Norfolk back. Riding breeches, English pattern lacing in front.



"M O N T A N A"

"Slipon" rain coat, military collar, fly front.

"C A L G A R Y"

Norfolk coat with belt, military collar. Divided skirt, front flap buttoned on.

"MONTREAL"

Blanket suit with hood.

"SARANAC"

Sack Coat with Norfolk back. Knickerbockers with cuffs.

WOMEN'S CLOTHING, CUSTOM MADE.

(See pages 161 to 168 for styles.)

No effort is spared in this branch to make it as successful as our Men's Department. Expert cutters and fitters assure your satisfaction, and each garment is beautifully tailored and finished. No other house has our knowledge of the proper cloths and materials nor our facilities for turning out correctly cut and tailored garments of this description. Our models are practical and suited to the purpose, but are still graceful and modish and lack nothing in style. We give on pages 171 to 174 a partial list of cloths carried by us in stock, but we will make up garments of any material in any style, and will be pleased to submit prices for such special work upon request.

Samples of any materials will be promptly sent, together with self-measurement blank and instructions for ordering.

LIGHTWEIGHT LODEN AND ARMY CLOTH.

Norfolk Jacket or Hunting Coats	$35.00
Short Jacket	30.00
Skirts	25.00
Divided Skirts	30.00
Bloomers	18.00
Knickerbockers	15.00
Waistcoats	10.00
Raincoats or Ulsters	50.00

WOOL GABARDINE, OLIVE AUTO CLOTH AND ARMY SERGE.

Norfolk Jacket or Hunting Coat	$30.00
Short Jacket	25.00
Skirts	20.00
Divided Skirts	25.00
Bloomers	16.00
Knickerbockers	13.00
Waistcoats	9.00
Raincoats or Ulsters	40.00

COTTON GABARDINES AND "ROSEBERRY" CLOTH.

Norfolk Jackets or Hunting Coats	$27.50
Short Jacket	25.00
Skirts	18.00
Divided Skirts	20.00
Bloomers	14.00
Knickerbockers	12.00
Waistcoats	8.00
Raincoats	35.00

WOMEN'S CLOTHING CUSTOM MADE.

See pages 161 to 168 for styles.

CORDUROY AND MOLESKIN.

Norfolk Jacket or Hunting Coat	$24.00
Short Jacket	22.00
Skirts	17.00
Divided Skirts	19.00
Bloomers	13.00
Knickerbockers	11.00
Waistcoats	7.50

MACKINAW AND PRIESTLY PROCESSED WOOLENS.

Norfolk Jacket or Hunting Coat	$22.00
Short Jacket	20.00
Skirts	16.00
Divided Skirts	18.50
Bloomers	13.00
Knickerbockers	11.00
Waistcoats	7.00
Ulsters	35.00

KHAKI, KERSEY AND FUSTIAN.

Norfolk Jacket or Hunting Coat	$17.50
Short Jacket	15.00
Skirt	10.00
Divided Skirt	12.50
Bloomers	10.00
Knickerbockers	8.00
Ulsters (Kersey or Fustian)	25.00

BLANKETING SUITS.

Canadian Club Model with Hood.

For snow-shoeing, skiing, tobogganing, ice-boating, etc. Made of soft, warm blanketing cloth, manufactured for us exclusively, and trimmed with contrasting color in broad or narrow stripe. Very light and comfortable. Colors, white, scarlet, buff or gentian blue.

Two-piece suit, with hood $40.00

For description of materials see pages 171 to 174.

MEN'S CLOTHING CUSTOM MADE.

See pages 161 to 168 for styles.

IMPORTED LODEN.

This splendid cloth is one of the very best for all around uses. It is made from the wool of the Swiss mountain sheep and rendered, by a natural process, thoroughly rain proof.

Handsome in appearance and very durable, it makes a most serviceable garment. We carry an assortment of patterns in two weights, mostly of quiet, neutral shades.

PRICES HEAVYWEIGHT.

Norfolk or Hunting Coat	$35.00
Sack or Fishing Coat	30.00
Long Trousers	15.00
Knickerbockers or Riding Trousers	16.00
Vests	10.00
Ulsters or Overcoats	50.00

PRICES MEDIUM WEIGHT.

Norfolk Jacket	$30.00
Sack or Fishing Coat	27.50
Hunting Coat	30.00
Long Trousers	13.00
Knickerbockers or Riding Trousers	15.00
Vests	9.00
Ulsters or Overcoats	45.00

HEAVYWEIGHT ARMY CLOTH.

A pure wool fabric, very closely woven and of great strength. It is used largely, as the name implies, for army uniforms and forester's suits. It closely resembles rough serge or fine cheviot and its wearing qualities are unexcelled. Light Tan in color.

Prices same as for Heavy Loden.

PRIESTLY PROCESSED WOOLENS.

An imported English cloth, pure wool, and treated by the celebrated "Cravenette" process, rendering it perfectly rainproof. It is favorably known and in wide use the world over for garments of all descriptions.

The cloth is finished in rough-face and the colors are of a brown tone in pronounced plaids.

Prices same as for Mackinaw.

MEN'S CLOTHING, CUSTOM MADE.

See pages 161 to 168 for styles.

MACKINAW.

This cloth, so popular among the lumbermen, river-drivers and cruisers of the North Country, is the best material we know of for "rough and ready" clothing. It is exceedingly strong and tough, practically rain-proof, and yet light in weight. In appearance it resembles closely very heavy blanketing. Soft in texture and exceedingly warm, it is ideal for still hunting, snow-shoeing, skiing and all forms of cold weather sports. The cloths we carry in stock are made expressly for us and are better than can be obtained elsewhere. Colors: Tan, Brown, Dark Green, Oxford Gray, Mottled Gray and Assorted Plaids.

Norfolk or Hunting Coats	$18.00
Sack or Fishing Coats	16.00
Long Trousers	9.00
Knickers or Riding Trousers	11.00
Vests	6.00
Cape Coats	45.00
Ulsters	35.00
Double-Ulsters, with waterproof and wind-proof interlining	50.00

OLIVE AUTO CLOTH.

A light weight woolen cloth of a texture resembling smooth-faced serge, strong and durable The weave is very close and dustproof, making it especially desirable for automobile clothing. Strongly recommended for field shooting in the South and for riding clothes. Color, Light Tan and Olivette.

Prices Same as for Wool Gabardine.

ARMY SERGE.

Similar to Olive Auto Cloth but of a heavier weight and finished as a rough-faced serge. Very tough and exceedingly durable and a splendid stuff for all around service. Largely used for uniforms by Army officers. Color, Light Tan and Olivette.

Prices Same as for Wool Gabardine.

KERSEY CLOTH.

This material, like Mackinaw, is a great favorite among trappers, river-men and "lumberjacks." It is a rough wool-cotton mixture, somewhat resembling a ribbed cheviot, woven very close and hard. Strong and serviceable, and very hard to tear. Medium weight, useful in almost any way, and makes up well in all garments. Mixed pattern, dark gray in tone.

Hunting or Norfolk Coat	$12.00
Sack or Fishing Coat	10.50
Long Trousers	6.00
Knickers or Riding Trousers	7.00
Vests	4.00
Ulsters	20.00

MEN'S CLOTHING, CUSTOM MADE.

See pages 161 to 168 for styles.

WOOLEN GABARDINES.

A widely known English cloth, manufactured under the "Burberry" process, in which the yarns are waterproofed before weaving. It is largely used for rainproof garments of every sort and is wonderfully strong and durable, considering its lightness. Particularly recommended for outing suits of moderate weights.

Norfolk or Hunting Coats			$25.00
Sack or Fishing Coat			22.00
Long Trousers	$11.00	Knickerbockers	13.00
Vests	7.00	Raincoats	40.00

"ROSEBERRY" CLOTH.

A new cloth of English make lately imported. Rainproofed by a special process and especially adapted to the making of light garments of all kinds. The material is very closely woven, tough and durable, resembling heavy Surah silk. Color, dark olive-drab.

Norfolk or Hunting Coat			$22.00
Sack or Fishing Coat	$20.00	Raincoats	35.00
Knickerbockers or Riding Trousers	11.00	Long Trousers	9.00

COTTON GABARDINE.

These fine cloths have become justly popular among sportsmen by reason of their lightness, coolness and waterproof qualities as well as their handsome appearance. We were the first to import them from England and carry a large stock of the genuine Burberry make in selected patterns. Colors, light tan, rufous brown, Oxford.

Prices Same as for Roseberry Cloth.

CORDUROY.

This old-time favorite among sportsmen needs no description. Our stock is of the best imported English quality, heavy weight, and is treated by the "Cravenette" rainproof process. Colors, smoke gray and tobacco brown.

Norfolk or Hunting Coats			$20.00
Sack or Fishing Coats	$18.00	Vests	6.00
Knickerbockers or Riding Trousers	10.00	Long Trousers	8.00

ENGLISH MOLESKIN.

Best imported quality, heavy weight. One of the very best materials for wearing qualities ever woven. It is the strongest cloth of its weight made, and will not rip, tear or puncture except under tremendous strain. A great favorite for riding breeches and light weight shooting clothes. Colors, slate gray, light tan and tobacco brown.

Prices Same as for Corduroy.

MEN'S CLOTHING, CUSTOM MADE.

See pages 161 to 168 for styles.

FUSTIAN CLOTH.

A new cloth for sportsmen's use and which is sure to become one of the most popular of all. It is fairly light in weight, a little heavier than Khaki cloth, and in appearance resembles very much a rough-finished whip-cord.

The material is cotton, very tightly twisted and woven in a distinct diagonal weave, after the manner of heavy serge. So far as its durability and wearing qualities go we believe it to be unexcelled in a medium weight garment—certainly nothing else approaches it for practical serviceability at anything like its price. For shooting clothes, riding breeches and rough-and ready garments of all styles it has no equal at a moderate cost. Besides its great toughness and wearing qualities it has a handsome, natty appearance which will recommend it to even the most fastidious.

The color is light tan, excellent for sporting purposes, and makes up neatly, holding its shape better than Khaki and similar cloths.

Hunting or Norfolk Coat $12.00 Sack or Fishing Coat.... $10.50
Long Trousers..... 6.00 Knickers or Riding Trousers 7.00
Vests.....$4.00

KHAKI.

Probably no other cloth has ever attained the worldwide popularity of this goods. As a material for light, strong, cool and washable clothing it has no equal. Accepted by sportsmen everywhere as the best garment for warm weather use at a moderate price.

Its worth as a service garment is proven by the fact that it is indorsed and used as summer uniforms by the armies of practically every civilized country in the world.

There are many grades on the market, but we use only the standard United States Army grade, the best made, and which will not shrink or fade. Color, light tan. Prices same as for Fustian cloth.

DOGSKIN GARMENTS.

We are now making up to order these garments for such of our patrons who desire special patterns, sizes, etc. We use only the very finest of perfectly matched and carefully selected skins of the very finest imported Swedish quality. Lined with either flannel or Mackinaw.

Double-breasted Coats.... $35.00 Single-breasted Coats... $30.00
Knickerbockers.... $20.00 Vests.... $15.00 Shirts..... 18.00

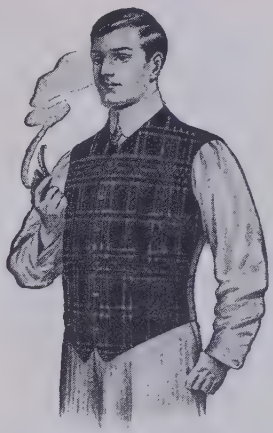
SKIN OR HIDE GARMENTS.

Many sportsmen are now preserving the skins or hides of their game trophies, such as deer, moose, elk or caribou and having them soft-tanned and made up into clothing. We are prepared to do this work in a most careful and satisfactory manner, made in any style, from tanned skins furnished by customers at following prices:

Double-breasted Coats.... $13.50. Single-breasted Coats.... $12.00
Hunting Shirts...$5.00. Riding Breeches... $9.00 Vests... 5.00
(We are not responsible for skins sent us to be tanned.)

FANCY WAISTCOATS.

Leopard Skin.



Mackinaw.

Handsome and useful garments for extra protection against cold. Very desirable for winter use in riding, driving and all outdoor work. Stylish in cut and carefully tailored throughout.

In ordering give chest and waist measure.

LEOPARD SKIN VESTS.

Made from fine imported skins of the best grade. Single breasted with fly front. Lined with Cilicia and heavy Kersey back.

Price..... $15.00

TIGER SKIN VESTS.

Made from selected skins of the Ocelot, or Tiger cat. Only strong, perfect skins used. Single breasted, with fly front. Lined with Cilicia and heavy Kersey back.

Price..... $14.00

PLAIN MACKINAW VESTS.

Best quality heavy wool Mackinaw. Dark green ground with fancy plaid figure in red, white and buff. Very light, warm and comfortable. Single breasted, with fly front. Lined with Cilicia and heavy sateen back.....Price $6.00

SHEEPSKIN VESTS.

Made from fine quality skins, soft tanned, with the natural fleece inside and leather outside. Fits close up to the neck and fastens in front with snap buttons. Nothing better can be had for warmth and comfort at a moderate price. Excellent for duck shooting, autoing, ice-boating, etc.....Price $4.00

MACKINAW COATS.

Strong, tough and durable. The best outer garment for all around rough use. Light in weight but very warm. Well made and strongly reinforced. The Dead Grass and Brown patterns have large shawl collar and are excellent for still-hunting and "point" or "blind" shooting.

Wool-Cotton Mixture, Fancy Plaids, Belted	$3.50
Wool-Cotton Mixtures, Fancy Plaids, Double Breasted	5.00
All Wool, Dark Oxford, White Spotted, Belted	7.50
All Wool, Mottled Gray, Regular Cut	7.50
All Wool, Dark Brown, Shawl Collar, Extra Heavy	10.00
All Wool, Dead Grass, Shawl Collar, Extra Heavy	10.00

PONTIAC COATS.

These garments are made of heavy raw wool, knitted by machine, and with a "fulled" nap, resembling a rough, wooley cloth. Thoroughly shrunk by live steam. Easy-fitting, warm and comfortable. Make excellent garments for still-hunting. Large patch pockets.

Regular Jacket, color, Oxford gray	$3.00
Norfolk Jacket, double shoulders, belted, gray or tan	5.00

FLEECE-LINED COATS.

A very warm and comfortable garment for riding, driving, etc., in very cold weather. Lined with best quality sheepskin with fleece on. Fastened with frogs and buttons.

Canvas Jacket, fleece lined	$6.00
Fustian Jacket, fleece lined, extra fine	10.00

KHAKI GARMENTS.

The great favorite among all sportsmen for warm weather clothing and is the best material made for light weight, washable clothing. There are many grades of inferior cloth on the market but we use only the standard U. S. Army cloth—the best made.

Hunting Coats, Regular Model	$6.00
Hunting Coats, Sleeveless Model	2.75
Sack or Fishing Coats	5.00
Long Trousers, Belt Loops and Suspender Buttons	3.00
Riding Trousers, to lace below Knee	3.50

"DUXBAK" GARMENTS.

A fine quality olive-tan colored canvas, treated by the "Cravenette" waterproof process.

Hunting Coats, Corduroy Collar and Wrist Lining	$5.00
Norfolk Jackets	5.00
Long Trousers, Belt Loops and Suspender Buttons	3.00
Knickerbocker, Knee Buckle	3.50
Women's Jackets	5.00
Women's Skirts	5.00
Women's Skirts, Divided Style	6.00

JARVIS FISHING COAT.

A short practical coat for wear with waders. Keep skirts and pockets dry when wading deep streams. Has pockets for every convenience and large knapsack pocket in back for shoes, lunch, etc. Light, cool and comfortable, ventilated under arms and perfect in every detail. Larger size than regular coat should be worn to afford freedom of movement in casting. Made of Army Khaki cloth, sizes 36 to 48.

Price, $3.50.

CARTRIDGE VESTS.

Far superior in every way and much more convenient than the old style cartridge belt. Made in best manner of Standard U. S. Army Khaki cloth, metal buttons. Loops for shells are closed at bottom, preventing loss of shells by slipping through, and bound with tape. Made in all gauges, price, $2.75.

SWEDISH DOGSKIN GARMENTS.

Next to furs, the best known outer garment for protection against wind. Invaluable for autoing, riding, driving, ice-boating, skate-sailing, shooting and kindred winter sports. Our garments are made from genuine imported skins, tanned and waterproofed by a new process, and only half the weight of the old-style leather garments. Skins perfectly matched and very soft and pliable. Lined with fine red flannel. The very best quality obtainable.

Men's Jackets	$22.00
Vests	12.00
Shirts	15.00
Women's Jackets	25.00
Women's Skirts	40.00

WASHABLE CHAMOIS GARMENTS.

This beautiful material makes most handsome and serviceable garments. Light, soft and pliable and washes perfectly without hardening. A great protection against wind and cold, especially desirable on account of its lightness and small bulk. Makes a most comfortable and easy shooting garment and does not bind or cramp the wearer.

COATS.

Made with loose, comfortable shoulders, affording plenty of room for movement. Regular chest sizes, 36 to 46.

Natural color	$12.00
Pearl gray or seal brown	15.00

HUNTING SHIRTS.

Made loose and roomy for outside wear. Absolutely wind proof. In ordering state size of neck.

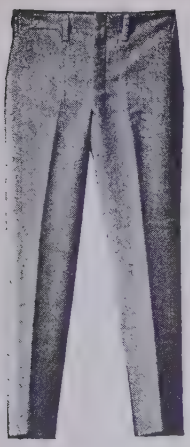
Natural color, sizes 14 to 18	$12.00
Pearl gray or seal brown	15.00

SLEEVELESS UNDERSHIRTS.

Natural color, sizes 36 to 44	$5.00

DRAWERS.

Knee length, natural color	$6.00
Full length, natural color	8.00



KERSEY TROUSERS.

Made of hard woolen yarn spun over a concealed cotton thread, giving the goods great strength and toughness. A good warm garment that will not rip or tear. Color, Medium Gray; mixed pattern.

Long Trousers, Belt Loops and Buttons.. $3.00

HOMESPUN TROUSERS.

A good solid all-wool cloth of great strength and excellent wearing qualities. Similar in general appearance to our Kersey Trousers, but of better quality.

The color is a brownish-gray mixture with indistinct plaid-stripe effect.

Long Trousers, Belt Loops and Buttons.. $4.00

FUSTIAN TROUSERS.

Tremendously strong and "wears like iron." As it will not rip or tear it is a great favorite with hunters and woodsmen and its hard, smooth texture makes it proof against burrs and briers. The color is light tan and the weave diagonal, resembling whipcord.

Long Trousers, Belt Loops and Suspender Buttons..... $2.50
Riding Trousers, Regulation Cut, to Lace Below Knee..... 3.50

CORDUROY TROUSERS.

Made from a fine quality of imported English cloth, medium rib and much superior to the grade usually sold.

Long Trousers, Belt Loops and Suspender Buttons..... $4.00
Riding Trousers, Regulation Cut, Lace Below Knee..... 5.00

MACKINAW TROUSERS.

The most popular cloth on the market for cold weather use and the great favorite among hunters and woodsmen. Light in weight but tremendously strong, warm and comfortable.

Regular Long Trousers, Mottled Gray Color..... $8.00
Long Trousers, Split-Bottom and Tie Tapes, Tan Color..... 8.00

MOLESKIN TROUSERS.

Fine grade imported English cloth. Medium weight, very tough and durable. Excellent for summer wear and Southern shooting. Will not pick up burrs or briers. Colors, light tan and tobacco brown.

Long Trousers, Belt Loop and Suspender Buttons..... $3.25

RUBBER TROUSERS.

These trousers, designed by and made for us exclusively, make one of the most valuable additions of recent years to the sportsman's equipment. For fishing, canoeing, riding or tramping they are especially desirable on account of their extreme light weight and small bulk—can be rolled up and carried in the pocket. Color, willow green.

Sizes, Large, Medium and Small. Weight, 10 to 13 ozs..... $4.00

OILSKINS.

Regulation weight and style. Guaranteed not to stick and are soft and pliable. Coats all made double breasted with storm fronts. Coats and trousers made in small, medium, large and extra large sizes. Black or Yellow color.

Short Coats. Weight, 2½ lbs. Price	$1.75
Long Coats. Weight, 5 lbs.	3.50
Saddle Slickers (black only.) Weight 6½ lbs.	4.25
Overall Trousers. Weight, 2¼ lbs.	1.75
Sou'Wester Hats. Weight, 6½ ozs.	.75
Navy Long Coat (black only,) leather worked button holes.	6.50

"FEATHERWEIGHT" OILSKINS.

Made by a new process, very light in weight, with a high, glossy finish. They are all guaranteed waterproof, are soft and flexible, will not heat or stick and are better fitting and more comfortable than any other oilskins. Ivory buttons, sewed on by hand. Coats have corduroy collars and cuffs are lined with corduroy and have inner storm cuffs. Yellow color only.

Long Coats, Men's. Weight, 3½ lbs. Price	$4.00
Medium Coats, Men's. Weight, 3 lbs.	3.00
Short Coats, Men's. Weight, 2 lbs.	2.00
Long Coats, Women's. Weight, 3 lbs.	4.00
Short Coats, Women's. Weight, 2 lbs.	2.00
Trousers. Weight, 1½ lbs.	2.00
Skirts. Weight, 2¼ lbs.	3.00
Sou'Wester Hats, silk lined. Weight 4 ozs.	1.00

SHOOTING JACKETS.

Made of fine quality oilskin, olive green color. Corduroy lined collars and cuffs. Storm front with patent fasteners. Makes an excellent coat for duck shooting. Medium length. Weight, 4 lbs. $4.25

Boston style hat, $1.00.

FISHING SHIRTS.

A most serviceable waterproof garment for use under practically all conditions. Light and easy to carry, roll up in a small package and can be stowed away and carried almost anywhere. Made long and full and are an absolute protection against wind and rain.

"Fairy."—Made for us exclusively by a new and greatly improved process. Finest cambric sheeting coated with Para pure rubber gum. The lightest garments of the kind made and much cooler for warm weather wear. Willow green in color. Small, Medium and Large Sizes. Weight, 20 to 25 oz. Price..... $6.25

"Standard."—Made of best quality black rubber sheeting.
Small, Medium and Large Sizes. Weight, 26 to 30 oz. Price..... $5.00

"Travellers."—Light weight and excellent quality. Tan in color. Small, medium and large sizes. Weight, 24 to 28 oz. Price..... $6.00

"Heavy Auto."—High grade gum rubber. Extra strong. Tan in color.
Medium and Large sizes. Weight, 40 oz. $9.00

"FAIRY" RUBBER GARMENTS.

Coats.—Same material and color as our "Fairy" Fishing Shirts.
Short Coats. Weight, 15 oz..... $5.00

Trousers.—For riding, driving, canoeing, etc., where the legs are exposed, these are invaluable. Extra large in seat and hips.
Large, Medium and Small Sizes. Weight, 10 to 13 ozs..... $4.00

Capes.—Without sleeves and 34 inches long. Open front, fastens with snap-buttons. Standing collar. Weight, 21 oz..... $4.50

Skirts.—"Light as a feather," absolutely waterproof, and will appeal to all sportswomen for general use. Round 7-gore pattern, open flap front, snap-buttons and shir string at waist. In ordering give waist measure.
Length, 36 inches. Weight, 18 oz....$6.00

RUBBER HOODS.

For use with oilskins or waterproofs of all kinds. The best head covering for stormy weather. Very light in weight.

"Standard," Black Rubber..... $1.00
"Traveller's," Tan Rubber..... 1.15
"Fairy" Willow Green Rubber..... 1.30

ENGLISH FISHING JACKETS.

Made expressly for us and we are the sole importers. Cut on a splendid model for sporting purposes and easy-fitting. Made with fly-front and concealed buttons, high collar with throat-latch and sleeves finished at cuff with elastic band, fastening with snap-button, ventilated under the arms. Two large pockets with flap, fastening with snap-buttons. When wading deep streams the fisherman can shorten the coat by turning up the skirt, which fastens with snap-buttons.

Very finest Mackintosh, light weight serge outside. Very strong and durable and will stand much wear. Mouse gray color. Weight, 25 oz. Price, $10.00.

PONCHOS.

These garments are most excellent for all around use as a waterproof for walking or driving, and a multitude of other purposes. In packing they make a good light pack in emergency—in camp they are useful as a ground cloth, bed cover or emergency shelter and in canoeing they make a handy cover for the outfit. All our ponchos have the slit to fasten with snap-buttons.

"Standard."—Black rubber. Size, 66x90. Weight, 4 lbs. Price, $4.00.

Black Oilskin.—U. S. Army regulation. Best quality oilskin, guaranteed not to stick. Size, 66x90 inches. Weight, 4¼ lbs. Price, $3.50.

Pantasote Sateen.—Extra strong and heavy for hard service. Will not dry out and crack like rubber. Tan in color. Size, 72x84 inches. Weight 5 lbs. Price, $4.50.

"Travellers."—Made of very light weight rubber sheeting. Light tan in color. Size, 72x84 inches. Weight, 2¼ lbs. Price, $4.50.

"Fairy."—The lightest ponchos made. Light cambric cloth, coated with pure Para rubber. Willow green in color. Size, 72x84 inches. Weight, 2 lbs. Price, $4.90.

SHIRTS.

All our shirts are made for us exclusively and different from any other shirts on the market. They give the maximum of comfort and service, with wide, roomy shoulders, generous collar, large skirts and long sleeves. All have two Stanley breast pockets with flap and button and finished throughout in the most careful manner. When ordering give the neck measure or size of collar usually worn.

Khaki Cotton—An excellent shirt for summer. Light weight Khaki colored cloth, cool and comfortable. Price 75 cents.

"Zephyr" Shirts—Very similar to above, but made of special grade of extra light material. Price, $1.25.

Homespun Flannel—A good grade of mixed homespun flannel, strong and serviceable. Dark gray color. Price, $1.50

California Flannel—Strongly made of "Cochiquo" mixed flannel. A good shirt for rough wear. Color, light gray. Price, $2.25.

Army Flannel—Same as regularly used in U. S. Army. One of the best shirts made for service. Olive-tan color. Price, $3.25.

French Flannel—Extra fine light flannel. Best for general use except when heavy shirts are desired. Diagonal weave, thoroughly shrunk. Colors, gray and navy blue. Price, $4.00.

"Vyella" Flannel—The finest grade of flannel made. Will not stretch or shrink. Very light in weight and the finest shirts for summer wear. Colors, pearl gray and light tan. Price, $6.00.

Army Serge—The strongest and best-wearing shirt made. Excellent for Fall and Winter wear, hunting, etc. Thoroughly shrunk. Color, olive tan. Price, $7.00.

Corduroy Hunting Shirts—Made from good grade of corduroy with shorter sleeves than regular shirts. Gray or brown. Price $2.25.

Women's Shirts—Made on our own special patterns. Full fashioned and comfortable, with open front to button, short waist or skirts, bottoms finished. Wide flat collar and two Stanley breast pockets, with flaps and button.

When ordering give chest measure or bust size.

Army Flannel—Same material as for men's shirts. Price $3.00.

"Vyella" Flannel—The finest and neatest shirts made for outing purposes. Material same as for men's shirts. Will not fade, shrink or stretch. Colors, pearl gray and light tan. Price, $6.00.

For Dogskin and Chamois Shirts see page 178.

MEN'S SWEATERS.

"V.-Neck."—Made of heavy raw wool in which the natural oil of the animal has been retained. These sweaters will stand hard, rough service and do not soak up water quickly.

V-Neck (no buttons), Oxford gray...$6.00

"State-o'-Maine."—Material same as above but made in coat form with buttons. Two side pockets and breast pocket.

Without collar. Weight, 44 oz..... 8.00

With collar. Weight, 48 ozs..... 8.50

"Collegiate"—Regular model with high neck. Pure long Shaker worsted, very soft and warm. Very best quality. Pearl gray (any color to order.)

Collegiate style. High neck (no buttons.) Weight, 30 oz..... $6.00

COAT SWEATERS.

"Alberta." Pure worsted. Pearl buttons. Two side pockets. No collar Pearl gray color. Weight, 27 ozs..... $6.00

"Manitoba." Same as "Alberta," but made with large standing collar (see illustration.) Light tan color. Weight, 29 ozs... 6.00

"Winnipeg." Extra heavy grade of worsted. Pearl buttons, two side pockets. Pearl gray color. Weight, 32 oz..... 7.50

"Aurora." Hand-knit from finest worsted, fancy French stitch. Faced with taffeta silk. Two pockets, reinforced. Pearl buttons. No collar. Light gray color (any color furnished to order). Weight, 32 oz..... 13.00

"Heather-Mixture." An imported Scotch garment of exceptional value. Very closely knit with long nap. Bound with fine leather, worked buttonholes and leather buttons. Two pockets. Color, dark mixture. Weight, 20 oz..... 15.00

WOMEN'S SWEATERS.

"Alsace." French knit, pure wool, made in coat fashion without neck. Pearl buttons. Two side pockets. Pearl gray color. Weight, 26 oz..... $6.00

"Lorraine." Hand knit and hand finished. Made of pure worsted yarn, French stitched, taffeta silk facing, button holes hand worked, pockets reinforced. Color, light gray. Weight, 12 oz..... 8.00

SWEATER UNDERWEAR.

Very strongly made of good quality wool, knitted with open rib. Undershirts, long sleeves, $3.50. Long Drawers..... $3.25

For "Fur-Wool" Sweaters and Garments see page 185.

"FUR-WOOL" GARMENTS.

An entirely new fabric made by spinning into yarn for weaving the soft body-wool or short fur of the Raccoon, French Angora Goat and Peruvian Llama.

It is beautiful in appearance, soft and fleecy in texture and of wonderful lightness.

The material is far less bulky than wool and much warmer and makes the ideal garment for lightness, comfort and warmth.

In color the Llama is a beautiful shade of pearl gray, the Angora a mixture of steel blue and ruddy brown, and the Raccoon a warm, soft tan.

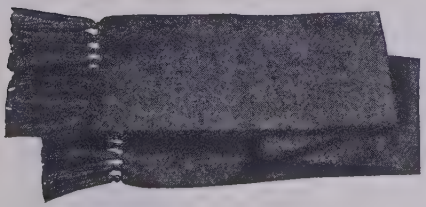
WOMEN'S JACKETS.

Raccoon:

Double breasted, with Collar..... $17.50

Llama:

Weight, 18 ozs..... $9.00
Extra Heavy, weight, 24 ozs..... 12.00



MEN'S JACKETS.

Llama:
Weight, 16½ ozs.. $8.50
Angora:
Weight, 16 ozs... 13.00
Raccoon:
Weight, 18 ozs... 17.50

VESTS.

Llama:
Weight, 6½ ozs... $7.00

SCARFS.

Llama:
Weight, 5 ozs.... $1.50

LLAMA HOOD-CAPS.

Weight, 3½ ozs... $2.50
"Hudson Bay" style, with stiff visor, 5 ozs 3.00

TOQUES.

One of the best head coverings for all-around winter use. Much used for skating, tobogganing, skiing, snow-shoeing, etc. They are made very elastic and can be folded back several times and worn as a skull cap or pulled clear down over the neck and ears. Our toques are made of fine worsted, very elastic, knitted, in two weights and various colors. Style A, red and gray, blue, red and white.

Weight, 4 oz. Price..... $ .75
Style B, light gray only. Weight, 7 oz..... 1.50

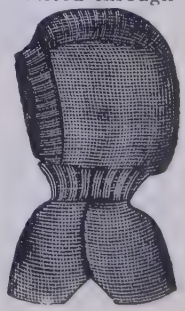
PONTIAC CAPS.

These warm and comfortable hats are made on the hood-cap principle and may be worn either as a cap with short visor or pulled down over the entire head, leaving only a small opening for the face and eyes. Made of heavy gray Pontiac wool, knitted in one piece, and thoroughly shrunk. There is no better cap made for cold weather wear, as they are much more wind-proof than the ordinary knitted cap. Dark Oxford Gray
Weight, 5½ oz. Price..... $1.50

VISOR HUNTING HOOD AND MUFFLER.

This is a combination hood and muffler, and may be worn either as a neck and chest protector or as a hunting hood or sleeping cap. By means of a draw string the face may be partially or completely covered up except for an opening at the eyes, and as the hood is loosely knitted, the breath easily passes through. Elastic throughout, so that it fits the head perfectly—may be worn over or under a cap. The visor hood is made of pure wool, hand knitted throughout.

Gray or brown; weight, 5 oz. Price, $1.50



HUNTING HOOD.

Very closely knitted of fine camel's hair worsted. Has elastic knitted rib at throat, which fits very snug and broad flap for front and back protection to the neck. Can be worn under a hat or cap and makes a perfect night cap or sleeping hood for outdoor use. Can be worn so that only a small part or the whole of the face is exposed as desired.

Tan color. Weight, 3 oz. Price..... $1.50

For Llama Hood-Caps, see page 185.

WATERPROOF FELT HATS.

We carry the well-known E. A. Mallory & Sons' cravenette felt hats in four different styles. These hats are made especially for us of selected fur and are rendered weather-proof by the Priestly cravenetting process. They will stand the hardest downpour without wetting through and will not fade. The shades selected are most popular for the woods. All models have special sweatbands which combine comfort and a good grip on the head.

Style "A."

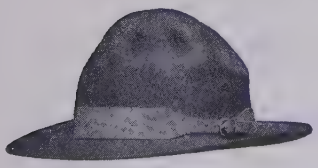
Style "A." Color dark brown, plain edges, $\frac{7}{8}$ in. band, 4 in., crown, $2\frac{3}{8}$ in. brim; weight, $1\frac{7}{8}$ oz.

Price,.....$3.50

Style "B." Color light brown, plain edges, $1\frac{1}{8}$ in. band, 5 in. crown, $2\frac{3}{8}$ in. brim; weight, $2\frac{7}{8}$ oz.

Price, $4.00

Style "B"



Style "C."

Style "C." Color light brown, bound edges, 1 in. leather band, 5 in. crown, $2\frac{3}{4}$ in. brim; weight, $3\frac{1}{4}$ oz.

Price, $4.00

Style "D." Army model. Color dark brown, plain edges, $\frac{7}{8}$ in. band, 5 in. crown, 3 in. brim: weight, $3\frac{3}{4}$ oz.

Price, $4.00

Style "D."

FELT HELMETS.

One of the best hats made for warm weather wear and use in tropical countries. Made of pure "nutria" felt of the finest grade and in the natural color, a gray-tan. The shape is most excellent for sportsmen and can be worn in any of the four shapes shown above. Ventilated at sides and around top of sweatband by eyelets. Has patent ventilating sweatband with corrugated cork strip between hat and band, giving a clear air space all around.

Weight, $3\frac{3}{4}$ oz. Price, $5.50.

"ALPINE" HAT.

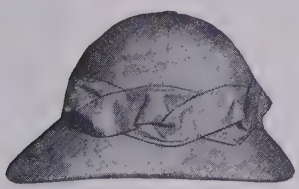
Made of the very finest felt, rough-faced finish, with broad band. Fits close and snug to the head and is not easily swept off by branches or brush. Makes a splendid hat for still hunting and for general use in the field. Color, Lincoln green with black silk band.

Weight, $3\frac{3}{4}$ oz. Price, $5.00.

LEATHER HAT BANDS.

C	Pressed Leather, $\frac{7}{8}$ in. wide, with strap and buckle	$ .25
D	Best Pressed Leather, $1\frac{1}{4}$ in. wide, with snap buttons	.35
E	Finest Embossed Leather, 2 in. wide, 2 straps and buckle	1.50
F	Finest Embossed Leather, 2 in. wide, rings and cinch	1.75

"STANLEY" PITH HELMETS.



The popular favorite for tropical wear the world over. Genuine Chinese pith helmets, covered with pongee silk and with ventilating sweatband.

Weight, 6½ oz. Price, $3.00.

KHAKI HATS.

Made of genuine U. S. Army Khaki cloth in round or "Boston" style. One of the best hats for all-around summer use. Very light, cool and comfortable. Can be rolled up and carried in the pocket and easily washed when soiled. Weight, 4 oz. Price, 75c.

"WINDSOR" HATS.

The popular shape among shooters for years. The sharply peaked brim, while short, makes a perfect shade for the eyes, and the turn-down flap at back covers the neck and ears in cold weather. Fits close to the head and will not blow off or flap in a wind.

Made of Corduroy. Weight, 5 oz. Price..... $ .75
Made of Wool Mackinaw. Weight, 5½ oz. Price..... 1.50

"DUXBAK" HATS.

Made of cravenetted canvas. Makes a very satisfactory lightweight hat. Material is practically waterproof and will stand a lot of rain before wetting through.

Round Hat, "Boston" style, with flat top, ventilated.
Weight, 4¾ oz. Price..... $1.00

Cape Cap, similar to "Windsor", with long cape or flap to pull down in back, covering neck, and ties in front. Flap lined with corduroy. Weight, 5¼ oz. Price..... 1.25

"WATCH" CAP.

Regulation Navy model as used in the U. S. Navy. A warm, snug-fitting skull cap of excellent make. Made of fine wool, elastic knitted, with fold to turn down over ears. Color, gray or black. Weight, 3¼ oz.

Price, 75c.

SOCKS AND STOCKINGS.

All our socks and stockings are made specially to our order and cannot be duplicated for quality, service and price. Our regular socks are excellent for all sporting purposes where a good heavy sock is desired. Made of heavy woolen yarn with open-weave feet and ribbed legs. Oxford gray in color.

Medium Men's Socks.
Weight, per pair, $3\frac{1}{2}$ oz. Price.. $ .50
Heavy Men's Socks.
Weight, per pair, 5 oz. Price.. .50
Heavy Men's Stockings.
Weight, per pair, $6\frac{1}{2}$ oz. Price.. 1.00
Medium Women's Stockings (black).
Weight, per pair, $5\frac{3}{4}$ oz. Price.. 1.00

HAND-KNIT GOODS.

Made from hard-twisted homespun gray woolen yarn.

Heavy Men's Socks. Weight, per pair, 6 oz. Price..... $1.00
Heavy Men's Stockings, extra long. Weight, per pair, 10 oz..... 3.00

FINE IMPORTED STOCKINGS.

"Scotch Heather" Wool.

OUTING STOCKINGS.

Full Length, Heavy Ribbed Legs, Plain Tops. Weight, per pair, 6 oz. Price..... $2.25

GOLF STOCKINGS.

Mixed Brown Color, Fancy Tops, Ribbed Legs.

Grade A. Weight, per pair, 5 oz. $2.25
Grade B. Weight, per pair, 6 oz. 2.75
Grade C. Weight, per pair, 4 oz. 3.50
Grade D. Weight, per pair, 6 oz. 4.00

GOLF SOCKS

Full Ribbed, all sizes. Weight, per pair, 2 oz. Price..... $1.00

GERMAN SOCKS.

The best sock for outside wear in cold weather with moccasins, rubber shoes, etc. Excellent for snow-shoeing, skiing and tobogganing. Made of heavy double-knit wool and felted, with strap and buckle at top. Black or dark gray.

Weight, per pair, 12 oz. Price..... $1.50

BED SOCKS.

Used to draw on at night for sleeping. "Warm feet, warm bed" is as true as it is old, and the wearer will find them equal to an extra blanket. Hand-knit of fine camel's hair worsted.

Weight, per pair, 5 oz. Price..... $2.25

STOMACH BANDS.

A most excellent article for wear as a protection against cramps and sudden chill in either cold or tropical countries. Genuine "Jaeger" worsted, knitted in one piece, elastic rib. All sizes.

Weight, 2 oz..... Price $1.00

BATHING SUITS.

Used by many as a canoeing costume. Made of worsted in two colors and of excellent quality. Regular two-piece suits, trunks and sleeveless jersey.

Lightweight, gray.	Weight, 10 oz..... Price	$2.75
Heavyweight, blue.	Weight, 12 oz..... Price	3.75

UNDERWEAR.

The best underwear for warm and temperate climate is Dr. Deimel's linen mesh, weight No. 50.

Men's Shirts or Drawers. Price, each.....	$3.25
Women's Vests or Drawers. Price, each.....	3.00

Samples and booklet mailed free on request.

For cold climate we advise the Stuttgart underwear to be worn over the linen mesh. Shirts and drawers, all sizes carried in stock.

Price, $1.75 per garment.

"RISTFIT" GLOVES.

Made on an entirely new principle in glove making and destined to be the most popular glove for all-around sportsmen's use. The seams are all made so as to come on top and do not interfere with the palm or fingers. All fitted with patent wrist strap, which is a most unique feature. By this strap the glove is instantly pulled tight and snug at the wrist by simply pulling the strap—it fastens itself automatically and "stays put." Loosened in a second by pulling strap the other way. No clasps, buttons, snaps or buckles. The gauntlets are made on a new pattern, extra wide to enclose the sleeve, and have stiff cuffs. The ventilated gloves will be found very satisfactory for warm weather use.

No. 1.	Men's Gauntlet.	Gray coltskin		$3.50
No. 2.	Men's Gauntlet.	Gray coltskin (ventilated)		3.50
No. 3.	Women's Gauntlet.	Gray coltskin		3.50
No. 4.	Men's Gauntlet.	Tan horsehide, eiderdown fleece lined.		3.75
No. 5.	Men's Gloves.	Tan horsehide.	Tubular knit lining	2.50
No. 6.	Women's Gloves.	Tan horsehide.	Tubular knit lining.	2.50
No. 7.	Women's Gloves.	Tan horsehide.	Tubular knit lining (ventilated)	2.50
No. 8.	Men's Gloves.	Tan horsehide.	Silk lined	2.50
No. 9.	Men's Gloves.	Tan horsehide.	Camel's hair lined	4.50
No. 10.	Men's Gloves.	Tan horsehide.	Unlined	2.00
No. 11.	Men's Gloves.	Gray coltskin.	Unlined (ventilated)	2.00
No. 12.	Men's Mitts.	Gray coltskin.	Fleece lined	2.00

BUCKSKIN GAUNTLETS.

Made from genuine buckskin in the best manner. These gloves are the standard of the U. S. Army service and are unequaled for quality and durability. May be washed when soiled and return to the original softness. Cut on army model, to fit snug at wrist. Color, smoke gray only.

MEN'S GAUNTLETS.

All sizes. Heavy skin. Weight, per pair $5\frac{3}{4}$ ozs. $2.50

WOMEN'S GAUNTLETS.

Made in same style as men's but of lighter weight skins and narrower cuff.

All sizes. Smoke gray color. Weight, per pair, $2\frac{3}{4}$ oz. $2.00

WESTERN GAUNTLETS.

These gloves are made of a very fine grade of horsehide and tanned by a peculiar process which renders them unusually soft and pliable. Water does not injure them in any way and they can be washed and dried repeatedly without losing their softness. They wear splendidly and do not chafe out as ordinary leather gloves do.

"Colorado" Gauntlets, heavy leather, no fringe. Weight, $6\frac{1}{4}$ oz. Price... $1.75

"Texas" Gauntlets, light leather, fringed cuff. Weight, 5 oz. Price.. 1.75

"Arizona" Gloves, light leather (no gauntlets). Weight, $3\frac{1}{4}$ oz. Price.. 1.50

BUCKSKIN GLOVES.

Made from finest grade of genuine smoked buckskin, U. S. Army Standard. Fine selected skins, strong and heavy, carefully made. Color, smoke gray.

Men's Gloves, all sizes.

Weight, $3\frac{3}{4}$ oz. Price..... $2.00

"FUR-WOOL" GLOVES.

Made from the fine body wool of the raccoon and South American llama, spun into yarn and woven. These are the lightest, softest and warmest gloves made. They are quite durable but will not, of course, stand as hard usage as the heavier woolen gloves. Raccoon is a soft brown color and the llama a light pearl gray.

Raccoon. Weight, $2\frac{3}{4}$ oz. .....Price $3.50

Llama. Weight, 3 oz. .....Price 1.75

For other "Fur-Wool" garments, see page 185.

SCOTCH WOOL GLOVES.

Very best imported quality. Soft, warm and strong. Very closely knit of fine "Heather" worsted, finished with long nap. Colors, dark mixture, mottled weave.

Men's, Women's and Children's. All sizes.

Price, $1.00

"PONTIAC" GLOVES.

An old-time favorite among woodsmen of the Northwest. Made from heavy raw wool yarn, knitted in one piece and thoroughly shrunk to size. Very warm and durable and will stand rough wear. Dark Oxford gray in color, medium and large sizes only.

Men's Gloves. Weight, per pair, $4\frac{1}{4}$ oz. Price..... $ .60
One-Finger Gloves. Weight, per pair, 4 oz. Price..... .60
Double-Gloves. Weight, per pair, $8\frac{1}{2}$ oz. Price..... .75
Hand-Knit, extra heavy. Weight, per pair, $5\frac{1}{4}$ oz. Price..... 1.00

"PONTIAC" MITTS.

Those who prefer the mitt to a glove will find these a most excellent article, very strong and warm. Made in same manner as "Pontiac" gloves and of generous size, so that a light glove may be worn underneath if desired.

Men's Mitts. Weight, per pair, $4\frac{1}{2}$ oz. Price $ .50
Double Mitts. Weight, per pair, 9 oz..... .65
Rubber Lined Mitts. Weight, per pair, 15 oz. 1.25
Hand-Knit, extra heavy. Weight, per pair, $5\frac{3}{4}$ oz..... .75

SCOTCH WOOL MITTS.

Made from finest "Heather" Worsteds, same as Scotch Wool Gloves. Large sizes only. Weight, per pair, 4 oz. Price..... $ .75

BUCKSKIN MITTS.

Made from fine soft grade of selected buckskin, not smoked. A splendid mitten for rough use. Fastened with lace and stud.

"Alaska," brown color. Natural sheepskin lined. Weight, 5 oz. Price..... $2.50
"Yukon," chamois color. Fleeced lined. Weight, $3\frac{1}{4}$ oz. Price..... 1.75
"Klondike," Over-Mitts, chamois color, Unlined. Weight, $3\frac{1}{2}$ oz. Price..... 1.50

FISHING GLOVES.

A glove of some sort is practically indispensable for spring fishing in the North. These gloves are made of very light, soft and pliable leather, not affected by water. Short fingers with tabs for convenience in pulling off. Per pair, $1.25.

HEAD NET.

The best and most practical head net made and the only really safe protection against black flies and mosquitoes. Made of fine black English netting, with light cloth tops and worn comfortably with any wide brim hat. The yoke fits snugly over the shoulders and ties with lacing under the arms. Weight, 2¼ oz. Price, $1.00.

KERCHIEFS AND BANDANAS.

A necessity in the West and a most useful article at all times. Used as a protection against wind, cold, dust and sun.

Cotton, blue or red.	28x28 in. ..... Price	$ .10
Silk, fancy red.	30x30 ins.	2.00
Silk, fancy red.	32x32 ins.	2.25

CHAPARAJOS.

In many sections of the country these garments are absolutely necessary as a leg protection when riding through brush. Leather is preferred for all-around use, but the Pantasote and Goatskin are best for wet weather. The Pantasote has the extra advantage of not becoming stiff in cold weather. Made in the best possible manner, reinforced throughout, with belt strap and buckle.

Pantasote Duck. Weight, about 6 lbs. Price	$8.00
Light Tan Leather. Weight, about 6 lbs. Price	12.00
Indian Tan Leather (waterproof). Weight, about 8 lbs. ..... Price	20.00
Angora Goatskin, white or black. Weight, about 5 lbs. ..... Price	22.50

Style A.

LEATHER CUFFS.

Regular "cow-puncher" pattern. Useful for riding in rough country and universally used for "roping." Style A. Embossed leather.

6 inches long. Weight, 8 oz. Price, per pair, $ .75

Style B. Finest embossing.

6 inches long. Weight 8 oz. Price, per pair, 2.50

Style B.

LEATHER COLLARS.

Excellent for general wear. Neat in appearance, cool and comfortable. Made of finest bridle leather in turn-down style only.

All sizes. Price, 50c.

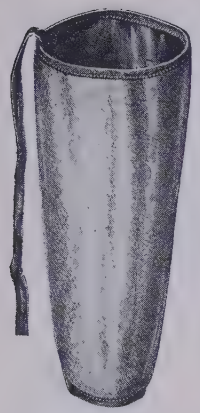
LEATHER WRISTBANDS.

Made of fine sole leather with hand-sewed strap and buckle fastening. Worn as a guard against strain in heavy work, 2¼ inches wide. Weight, 1 oz. Price, 50c.

WRIST STRAPS FOR WATCHES.

A most handy and convenient manner of carrying a watch for all forms of outing and athletics, especially desirable for riding, automobiling, driving, etc., and for cold weather when it is inconvenient to get at one's watch underneath the heavy clothing. Made to fit "Midget" Ingersoll watches (see page 106) with strap and buckle fastening.

Fine Black Leather..... Price $ .75
Genuine Pigsskin..... Price 1.25



KNEE AND THIGH PROTECTORS.

Most everyone knows the annoyance and discomfort caused by walking through wet woods, bushes or grass, especially when frost is melting from the sun. At such times the heaviest trousers, unless well protected in some way, will be quickly wet through and through, as the constantly repeated whipping and slapping of the grass or branches against the leg causes the moisture to penetrate very rapidly.

Hip boots are cumbersome and heavy and, besides, they may not be needed after a few hours when the sun has dried things up, and then their weight and bulk is a hindrance. Our leg protectors can be slipped on or off in a moment and afford all the protection of a rubber boot without its inconvenience, as when removed they can be rolled up and carried in the pockets or under the belt. Made of heavy Mackinaw cloth, lined with a special waterproof material, and guaranteed absolutely waterproof. They are made to fit snug at the knee and are held up by tapes attached to the belt. Weight, per pair, 30 oz. Price..... $6.00

CAMEL'S HAIR SPIRAL PUTTEES.

The popular leg covering worn by English officers and the high caste natives of India is the spiral puttee, which is wound round and round the leg like a surgeon's bandage. We have imported a quantity of these puttees of pure camel's hair wool, natural color (a neutral gray), woven on special looms, about 4¾ inches wide with a selvage on both edges. They are washable, exactly long enough to properly cover the leg and tie at top, and make a most comfortable and satisfactory leg covering.

Weight, per pair, 12½ oz..... Price $3.50

Spat Puttees (see illustration), gray or tan.

Weight, 18 oz. ..... Price $6.50

LEATHER RIDING LEGGINS.

Strap-Puttee Style

Very best make and handsomely finished. Made of one piece of leather, shaped over a form, and fit the leg perfectly. No seams or ridges to chafe and give trouble and the very best form for riding.

Imitation Pigskin.	Weight, 17 oz. Price...	$5.00
Russet Leather.	Weight, per pair, 17 oz....	5.00
Black Leather.	Weight, per pair, 20 oz.....	5.00
Genuine Pigskin.	Weight, per pair, 17 oz...	7.50

"SNAKE-PROOF" LEGGINS.

After a series of experiments running over a number of years, we at last offer a leggin which we guarantee perfectly snake-proof. This leggin has been actually tested on the largest and most powerful "rattlers" and moccasin snakes, and has the indorsement of Prof. Ditmars, the great authority on reptiles, of being absolutely safe. Made of heavy Pantasote double duck (waterproof) with a lining of khaki, and an interlining of specially woven wire cloth. All seams and edges bound with soft waterproof leather and laces up, army style. Made to order only in two styles. When ordering give size of ankle and calf and specify style.

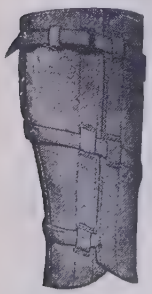
No. 1. Comes just below knee. Weight, per pair, 34 oz. $8.50
No. 2. With stiff knee protector. Weight, per pair, 38 oz..... 12.00

CANVAS LEGGINS.

Made in army style, fastening with one lace, brass studs and eyelets. Extra heavy stiff canvas and well shaped. The best leggin made for hard service in the regular pattern.
Length, 17 inches. Weight, 12½ oz. Price.. $1.00

"DUXBAK" LEGGINS.

Made of cravenetted canvas and reasonably waterproof. Length, 17 inches.
Men's, to lace. Weight, per pair, 14 oz. Price $1.50
Women's, to button. Weight, 12½ oz. Price.. 1.50



PUTTEE LEGGINS.

The new pattern as adopted by the U. S. Army for regular service. Made of heavy canvas, shaped to fit the leg, and fastened with spiral puttee-strap, also of canvas, patent buckle at knee. An excellent leggin for rough wear and hard service. Reinforced with steel stays and keeps in shape.
Length, 14 inches. Weight, 16 oz. Price $1.50

MACKINAW LEGGINS.

Made for both men and women. For those who prefer a leggin for warmth as well as protection we recommend these splendid leggins. Very light in weight, but warm and comfortable in the coldest weather. Soft and flexible, snug fitting and easily put on or off. Made of fine tan colored Mackinaw cloth, very strong, to lace up army style.
Length, 16 in. Weight, per pair, 11 oz. Price $3.00

Copyrighted.

FOOT-WEAR

No one article of the sportsman's personal equipment weighs so heavy in the scale of importance as his footgear. If one's garments be too light, fire and exercise will keep him warm—if the clothing be too warm or heavy, it may be stripped off and carried in the pack, but the shoe is the one link in the chain which, if it fail, cannot be replaced. Not only should the material and fit be carefully selected but the shape and style as well, for a poorly made or ill-fitting shoe may mean hours of untold misery on the trail. From all the four ways of the earth we have drawn our knowledge of shoe making as best suited to the sportsman and our stock represents the best selected models and styles to be had, from the primitive moccasin of the aboriginal Indian to the most modern and up-to-date shooting boot. We would call particular attention to the leather we use, which has the peculiar faculty of always remaining soft and pliable and will not dry out hard under any circumstances.

WOMEN'S SHOES.

In offering these splendid shoes for women we would call attention to the fact that they are made entirely different to any other shoe and to which for hunting, fishing and outing wear it is superior in every way. The shoe usually sold for women's sporting wear is made on boy's lasts and is too wide in shank, heel and ankle, and flat over the arch. Our shoes are made on special women's lasts and are very carefully modeled to remedy these defects.

They are beautifully made, handsome and natty in appearance, and are correctly designed for ease and comfort in tramping. They are as waterproof as a leather shoe can be made, which is saying a great deal, and instead of being at all heavy and clumsy, are light, springy and elastic. The leather from which they are made is the most durable known and will never dry out hard or stiff, even from repeated wettings. Made of drab colored kip calfskin of the finest grade with oak-tanned soles and medium heel. Box toe, laced with eyelets, and no hob nails. A more suitable outing shoe for women has never been designed and we guarantee them perfect in every respect.

No. 762. Height, 12 in. Weight, 33 oz. Price $8.00
No. 763. Height, 16 in. Weight, 35 oz. Price 10.00
Made to order, any color, extra, $1.50.

WOMEN'S MOCCASIN SHOE.

Made practically the same as our men's moccasin shoe, described on page 203, except that the leather is lighter and they are made on our special women's lasts, and with heels. A very light, comfortable little shoe for canoeing, boating, etc.

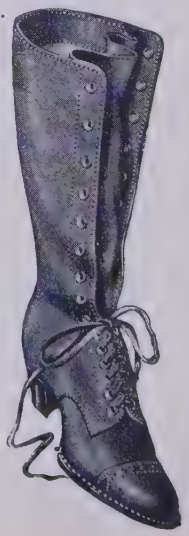
No. 768. Height, 6 in. Weight, 24 oz. Price $6.00
Made to order, extra..... 1.50

WOMEN'S CUSTOM SHOE.

Made to Order Only.

For such of our patrons as prefer their shoes made to order in special manner, own lasts, etc., we offer the model as shown in the illustration, and which will be found most comfortable, stylish and easy fitting. Made from tan or black Japanese waterproof kipskin. Hand-cut, hand-sewed and finished in the most perfect manner known to the shoe trade. Made with or without box toe and either plain or capped, and to lace with studs or eyelets.

Price, $15.00.



BOOTS AND SHOES.

Our shoes for Hunters, Fishermen, Prospectors, Surveyors and Mountaineers are made of the very best grade of drab colored Kip. By a new process of tanning, this leather becomes as soft and pliable as a kid glove, and yet the fibre is rendered so tough and durable that it will out wear any other leather. It is extremely light in weight and *will not harden* or dry stiff after repeated wettings. In the manufacture we have used great care and tried numerous experiments, determined to produce a thoroughly waterproof shoe, and, at the same time, one that was light, strong and comfortable. By our selection of material and a peculiar method of making, we have succeeded in every way, and are able to offer a shoe which we guarantee in all respects superior to any other shoe made.

Each piece in the sole runs entire from toe to heel, allowing all stitches to be of uniform length, thus preventing the leaking which invariably started at the hinge of the sole.

The slip-sole is of rawhide, which is impervious to water; next is the outsole of horsehide, which imparts an easy springy action to the shoe. The outsole is studded with conical hob-nails of soft steel, which afford a firm, secure grip at all times. The vamp is calfskin lined, has heavy box toe and is reinforced over toe and on the side, giving extra protection to the foot and great strength to the shoe. Has extension soles, large nickel eyelets and rawhide laces.

HUNTER'S, PROSPECTOR'S, SURVEYOR'S BOOTS.

No. 861. 7 ins. high; weight, $2\frac{3}{4}$ lbs. Price.... $8.50

No. 862. 12 ins. high; weight, $3\frac{1}{4}$ lbs. Price.... 9.00

KNEE BOOTS.

The best shoe for rough country. Has wide double strap and buckle at top. This allows the upper to be laced up loosely and yet held snug at the knee.

No. 863. Height, 17 ins. Weight, $3\frac{3}{4}$ lbs. Price. 12.00

All shoes made to order, $1.50 extra.

FISHING SHOE.

There are many fishermen who prefer a medium height, strong, waterproof shoe for fishing instead of the regulation waders, especially through the summer months, when fishing along the banks of large streams when the water is low. This shoe will be found splendid for such purposes, also for the fisherman who dons an old pair of breeches or overall and wades in, as the peculiarly tanned leather, besides being wonderfully durable, will always dry out soft and pliable. They are made in the same manner as our hunting shoes, except that the outsole is of heavy oak tanned leather, double stitched extension, and has no hob-nails or reinforcement along the sides. It makes also a most excellent shoe for wet weather wear about town or in the country.

No. 866. Height, 8 inches; weight, 2½ lbs. Price... $8.00

No. 867. Height, 12 inches; weight, 2¾ lbs. Price... 8.75

MOUNTAINEER BOOT.

For hunting in rough country, mountain climbing, prospecting, miners and the like this shoe has no equal. Made of extra heavy leather all over and strongly reinforced. Heavy soles, studded with large sized conical steel nails, an absolute and secure hold on rocks. These shoes are fitted with an extra outside counter of sole leather as an added protection to foot and shoe alike in a rough, rock country. Especially recommended for mountain climbers, explorers and prospectors. The leather is the same perfect calfskin we use in our hunting and fishing boots and always remains soft and easy to the foot.

No. 864. Height, 7 inches. Weight, 3 lbs. Price..... $9.00

No. 865. Height, 12 inches. Weight, 3¾ lbs. Price..... 9.50

MOCCASIN SHOE.

For the sportsman who wishes a light, easy shoe, practically waterproof, this excellent shoe was specially designed. It is as light and easy on the foot as a moccasin and almost as quiet, but with the advantage of a good, comfortable shoe. Those who cannot wear the moccasin on account of tender feet and object to the weight and size of regular hunting boots will find this shoe bridges the gap to perfection. Made of our famous calfskin leather, always soft and pliable, with horsehide sole and without heel.

No. 868. Height, 6½ inches. Weight, 1⅞ lbs. Price..... $5.75
With heels, extra..... .50

CAMP SHOE.

This shoe is designed for lightness and comfort and meets both requirements perfectly. So light that it is hardly felt upon the foot—so comfortable that it is easy for the most tender feet. For wear about the camp or clubhouse, for woodland walks and trails, for the yacht, boat or canoe and for Southern field shooting it is a splendid shoe.

While very light they are exceedingly durable and will give excellent service. Made of finest quality tan horsehide, light and cool, and with soft, flexible horsehide soles without heels.

No. 874. Height 6½ inches. Weight, 1¾ lbs. Price..... $5.50

TRAMPING SHOE.

(Made to Order only.)

We find there are many campers, tourists and travelers who prefer the low or oxford style of shoe for summer tramping. While they do not afford the protection to the leg and ankle of the high shoe in rough country they are equally as serviceable where the going is good and are far cooler in warm weather. They make excellent shoes for general country wear and for boating or canoeing. Made on a comfortable but handsome last with box toe and full wing tip. Best tan calfskin, which will not dry out hard, with horsehide soles and medium heel. Price..... $9.00

MECCOMOC SHOE.

We believe this shoe to be the easiest, most comfortable and best wearing shoe for the camper and canoeman ever made. The shape simply spells comfort and the material "wears like iron," and will never lose its beautiful softness and pliability—never dries out hard. Made of drab colored kip calfskin, the same as our famous hunting and fishing shoes, and hand sewed. Blucher style on a moccasin pattern, with strong leather sole, light and flexible, sewed in and fastened beside with soft rivets in heel and toe—this saves losing the sole when stitches become worn or broken. We are now making this shoe for men, women and children and recommend it most highly for lightness, comfort and wearing quality.

Men's High Moccasin. 5 inches high,	Price,	$5.00
Women's High Moccasin, 5 inches high	"	5.00
Men's Low Moccasin	"	3.75
Women's Low Moccasin	"	3.50
Misses' Low Moccasin	"	3.00
Child's Low Moccasin	"	2.50

SKATING SHOES—SPECIAL HOCKEY SHOE.

Designed and recommended by the best known hockey players and made by us exclusively. Made from a special grade of Kipskin, one of the most durable of leathers, and will not dry hard after wetting. Sides strongly reinforced. Ankles and tongue well padded. Has easy toe and laces all the way down. Price, $5.50

RACING SHOE.

Made from the very finest quality of selected Kangaroo leather, light, tough and durable. The design is of the most approved form and is used by all expert racing men. Workmanship is of the very best and no better shoe can be had for the purpose. Price, $5.00

FOREST RANGER SHOE.

The shape and style is excellent for comfort and strength and there are but few seams. Made of selected waterproof kip calfskin, very strong and tough, tan in color. The leather in these shoes is treated with a new preparation, which enters permanently into the pores and turns water from the surface. These shoes will not absorb water and become sodden and are largely used by rivermen and lumbermen for that reason. The waterproofing compound used serves to render it pliable and increase its wearing qualities. Made only in Blucher style, with large eyelets and plain toe. Soles both pegged and sewed. Wide double strap and buckle at top in knee boot only. No hobnails.

No. 232. Height, 12 inches
Weight, 3½ lbs. Price..... $6.00
No. 233. Height, 16 inches,
Weight, 4 lbs. Price..... 7.50

CRUISERS.

This good old backwoods favorite is rapidly coming into favor with sportsmen and its popularity never wanes. It is a big improvement on the high moccasin and shoe pack of Maine and the Canadian provinces, in that it is much better made and has a good, firm sole sewed on. The soles are flexible enough to travel easily in the woods and it is quite waterproof so long as kept well greased and the seams tight. Made of black chrome tanned leather. Soles sewed on with double row of stitching and studded with very small conical hob-nails and has low heels. Those who prefer the low or Indian moccasin will find the low cruiser the best of the kind.

No. 291. Height, 15 inches
Weight, 3¼ lbs. Price.... $6.50
No. 292. Height, 9 inches,
Weight, 2¼ lbs. Price.... 5.00

No. 287. Low Moccasin. No hobnails. Weight, 1⅜ lbs. $2.75

WATERPROOF MOCCASINS, DOUBLE BOTTOM.

The famous "shoe-pack" of Maine and the Eastern provinces and the most popular style of footgear ever made for woods wear. The shape allows the foot to spread naturally and the extra sole affords plenty of protection, except for very rough country. The leather is perfectly waterproof and the moccasin is quite watertight if kept well greased and the seams filled. Made of fine oiled tanned leather, heavily stitched and with extra sole or bottom coming well up the sides. Should be worn with two or more pairs of socks.

No. 510. Weight, 2½ lbs. Price.. $4.25

ELKSKIN MOCCASINS.

Those who prefer a very light and soft moccasin and to whom the waterproof feature is of no particular value will find this style is perfection. For canoeing, for wear about camp and the house in dry weather and for snow-shoeing and skiing in dry snow they are especially good. Made of beautifully soft tanned elkskin, chamois color, and as soft and easy to the foot as a kid glove.

Men's, sizes 6 to 12 Price, $3.25
Women's, sizes 3 to 7 Price 3.00
Youth's, sizes 11 to 2 Price 2.50
Children's, sizes 6 to 10 Price 2.00

"TOBIQUE" MOCCASINS.

An excellent style for still hunting, trailing and canoe wear. Made of fine oil tanned and waterproof leather. Similar to the double bottom moccasin, but have single sole only. Very light and flexible.

No. 511. Height, 8 inches. Weight 1½ lbs. Price..... $3.50

"GASPE" MOCCASINS.

Made similar to the "Tobique," but of very fine and heavy black chrome tanned leather, well waterproofed.

No. 513. Height, 5 inches. Weight, 1½ lbs. Price..... $3.00

"IROQUOIS" INDIAN MOCCASINS.

The low or slipper moccasin, always a favorite among the Indian hunters and trailers, has no equal as a light, noiseless shoe for still-hunting, canoeing, etc. Made from heavy Japonica tanned cowhide, strong and durable.

No. 501. Weight, 1¼ lbs. Price.. $1.75

"HURON" MOCCASIN.

Low slipper style, made of heavy oil tanned grain leather. These moccasins are shaped over a last and have pointed toes. Snug fitting and comfortable.

No. 502. Weight, 15 oz. Price... $2.00

"OJIBWAY" MOCCASIN.

Made in regular moccasin fashion but has light extra sole, stitched on, and top comes up to ankle. Blucher tongue. Oak tanned leather, not waterproofed, very strong and wears well.

Men's, $3.25. Women's, $2.75. Youth's $2.50. Children's, $2.00.

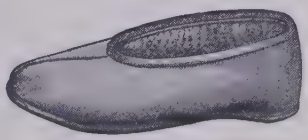
ELKSKIN SLIPPERS.

Made of the finest, soft tanned elkskin, chamois color, with fancy toes and fur-trimmed tops. The most comfortable house or camp slipper made.

Men's, $2.50. Women's, $2.25. Youth's, $1.75. Children's, $1.50.

SHEEPSKIN SLIPPERS.

Made from chrome tanned skins with the natural fleece inside. Horsehide soles. Tops bound with heavy kid. An ideal slipper for use as a lining for rubber boots, and for the bedroom in cold weather. Price, $1.00.



RUBBER SHOES.

These are the very best shoes for wet country, bogs, snow, etc., and are largely worn and preferred by the lumbermen and woodsmen in general throughout the north country. Soles and uppers of best gum rubber and canvas, snag-proof, and soles have wide rolled edge. Tops of fine black chrome tanned leather, stitched and riveted, with Blucher front and bellows tongue.

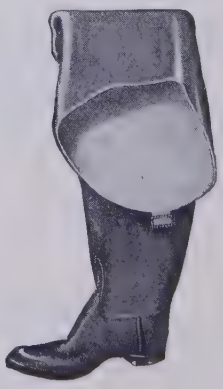
Men's 10 inches high.....Price	$3.75
Men's 16 inches high.....	4.75
Women's 10 inches high.....	3.75
Women's 14 inches high.....	4.50

WADING SHOES.

For wear with regular fishing waders. These shoes, originally designed by us, are now widely copied, but the workmanship and material are in no way the same. Tongue opens down to toe and one simply steps into the shoe—no trouble in putting on.

Made of best quality heavy brown canvas uppers, strongly reinforced with chrome tanned leather, with heavy sole, studded with square-head hob-nails. No better or more durable shoe for the purpose can be made.

No. 631. Weight, 2¾ lbs. Price..... $5.50

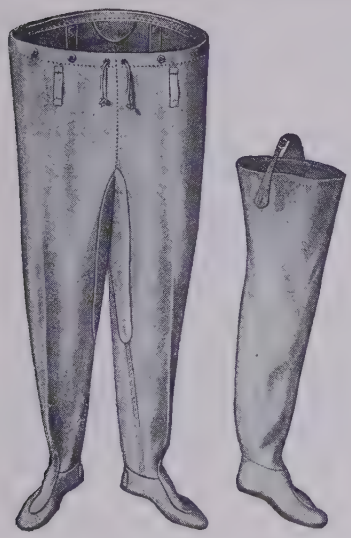


RUBBER BOOTS.

A new model boot, made for us exclusively, and is the best sportsman's boot on the market. Good strong sole, medium weight foot and ankle and very light, elastic tops. These tops come up to the waist and are made plenty loose, much different from the tight fitting thigh boots usually sold.

Men's Hip Boots. Weight, 3¾ lbs. Price	$6.50
Women's Thigh Boots, Weight, 2¾ lbs....	5.00

ENGLISH FISHING WADERS.



It is with much satisfaction that we offer this line of waders and which we warrant to be the very best made in the world. The light-weight styles are so soft and flexible they may be rolled up and tucked away like a piece of cloth, and can be worn under the trousers, if desired, to avoid friction on the waders. They are the very lightest waders made, a pair of stockings weighing only 15 ounces. The heavy waders are made for service, and the cloth facing with which they are made is one of the most durable fabrics known and much superior to moleskin. The stockings have loop and strap for fastening at waist, and the trousers have draw-string at waist, as well as suspender buttons and belt loops. These waders are made especially for us and we guarantee them to be, not only the finest as to quality, but the very best for design, comfort and service. Waders made with stocking feet only for wear with regular wading shoes. Both styles finished in drab color.

"Fairy" Light Wading Stockings. Weight 15 ozs. .....Price	$10.00
"Service" Heavy Wading Stockings. Weight 23 ozs.....	15.00
"Service" Heavy Wading Trousers.....	22.00
Repair kits for mending waders, containing rubber cement and pieces of same material.....	1.00

AMERICAN WADERS.

Best American make. Tan colored jeans. Mackintosh finish.

WITH STOCKING FEET.

Stockings.	Weight, $2\frac{1}{2}$ lbs.....Price	$7.50
Trousers.	Weight, $4\frac{3}{4}$ lbs.....	10.00

WITH RUBBER BOOT FEET.

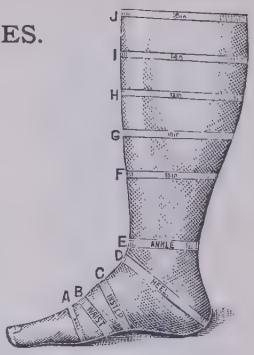
Stockings.	Weight, 5 lbs.....Price	$10.00
Trousers.	Weight, $6\frac{3}{4}$ lbs.....	14.00

For wading socks and stockings, see page 190.

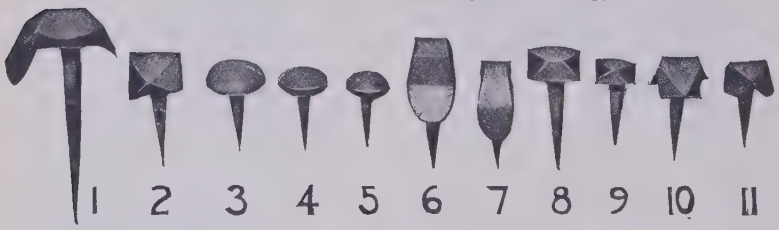
For wading shoes, see page 208.

HOW TO MEASURE FOR SHOES.

Take the measures over the same socks or stockings with which the shoes are to be worn. Draw a tape measure snugly around the foot at points indicated in the diagram and give the exact measure—make no allowances. (These measures should be taken sitting down). Then, while standing, place the foot upon a sheet of paper and draw a pencil line around close to the foot to give the outline. Mention also the size and width usually worn.



IMPORTED SWISS HOB NAILS.



We import this line of special hob nails to serve various purposes and from our stock one can select the nail best suited to any especial use. No. 1 is a heavy edging nail for mountain climbing; Nos. 6 and 7 are light edging nails; Nos. 2, 8, 9, 10 and 11 are large-headed hob nails, and Nos. 3, 4 and 5 are rounded-head "studding" nails. All are hand-forged from soft malleable steel and are the very best nails to be had for rough work.

Nos. 3, 4, 5, 7, 8, 9, 10, 11. Price per dozen..... $ .05
No. 2, 10c. No. 6, 15c. No. 1, 20c.

SCREW CALKS.

These calks, or screw-hobs as they might be called, have taken the place of hob nails entirely with lumbermen, river drivers, etc., and are preferred by many sportsmen. They are made of steel, both blunt and pointed, and bite sharp and hard into any surface. A great advantage is they can be quickly placed in or removed from shoes by a simple tool, which screws them in or out as desired. This tool is a combined punch and wrench and is quite small and carries handily.

A few of the long calks screwed into the sole makes the best shoe for ice work of all kinds and is far superior to "creepers" in every way. Made in three sizes, as follows:

No. 1, 3-16 inch blunt point. No. 2, ¼-inch sharp point.
No. 3, 5-16 inch sharp point.

Price, per box of 50, including tool wrench..... $ .75

B-VER OIL.

In placing this oil upon the market for the first time we do so with the full assurance that we have the very best waterproof dressing and preservative for leather ever known.

Unlike other oils and greases sold for the purpose and which are more or less thick and gummy, B-Ver Oil is clear, clean and penetrates quickly, leaving little or no residue upon the surface.

This oil waterproofs the leather inside and not outside as with other preparations, and leather so treated remains pliable and will not dry out hard or crack. Boots and shoes treated with this oil are rendered perfectly waterproof and their life prolonged many times over. It is unexcelled as a dressing for saddles, harness, gun scabbards, holsters, etc. We absolutely guarantee this oil to do everything we claim for it and to be in every way the very finest and best waterproof dressing for shoes and leather goods ever placed upon the market. B-Ver Oil is put up in screw-top tin cans as follows:

Trial Size	$ .15	4 ounce can	$ .30
8 ounce Can	.50	Gallon Can	6.00

"TOURADIF" INDIAN BOOT GREASE.

This is made in the shape of a heavy, plastic grease and is the very best dressing on the market for the quick waterproofing of shoes and moccasins. It is especially desirable for use with moccasins, shoe packs, etc., as its thick body helps to fill up seams, stitches, etc., where an oil dressing would be of little value. The formula is taken from an old Indian recipe and we make it up ourselves in order to be sure of its being properly compounded. It is a natural leather preservative and adds considerably to the life of any leather to which it is applied. Put up in specially stamped friction-top tins containing 4½ oz. Price, 25c.

VISCOL.

A liquid waterproof dressing for shoes which has the unusual quality of penetrating the leather almost instantly. Leather so treated becomes soft and flexible, is unaffected by water and will not dry out stiff.

½ Pint, 25c. 1½ Pints, 50c. 1 Gallon, $1.50.

MAPS.

It is usually very difficult to get possession of a good, reliable map. Land Office maps are generally unreliable, so are maps circulated by railroads and those gotten up for sale.

The best maps are those made under government supervision or by scientific and exploring expeditions, but the great difficulty is to find out where and how to get them, and even then it is sometimes a question of many months before they can be received.

We carry on hand as complete a line of reliable maps as we can procure of the United States, Canada and Mexico, which we sell for prices ranging from 10 cents to $3.00 per sheet. We advise that they be carried in waterproof envelopes of convenient size, price 25 cents.

SPORTSMEN'S LOCAL MAPS.

Stoddard's Map of the Adirondacks	$1.00
Hubbard's Map of Northern Maine	1.00
"Forest and Stream" Map of New Brunswick	1.00

STUART'S COUNTY MAPS OF MAINE.

(Official State Maps.)

Outline Map of Maine, 30x36 inches	$1.00
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County Maps of Aroostook, Franklin, Hancock, Oxford, Penobscot, Piscataquis, Somerset and Washington, each	.50

U. S. GOVERNMENT TOPOGRAPHICAL MAPS.

Carried in stock wherever surveys have been completed. These maps are the finest published and show all roads, streams, lakes, ponds and all mountain elevations. Price, per sheet, 10 cents.

AUTOMOBILE ROAD MAPS.

Dissected and mounted on linen with linen covers.

Price, each, $2.00.

Cape Cod.
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Hudson River District, North.
Hudson River District, South.
Long Island.
Massachusetts, Central.
Massachusetts, Eastern.
New Hampshire State.
New Jersey, Central.
New Jersey, Northern
New Jersey, Southern.
Catskill District.
Mohawk Valley.
Susquehanna District.
Western New York Lake District.
Montreal District.
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SHOWING THE GOOD ROADS.

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Rangeley and Megantic	.25
Dead, Androscoggin and Connecticut Rivers	.50
Northern	.25
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Southern Part	.50
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If the map which you want is not in the above list, send us a postal card and we will let you know what has been published and the price.

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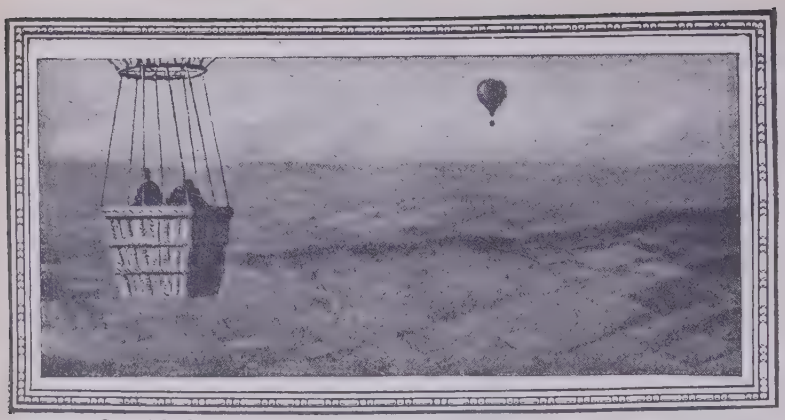
"Fly Rods and Fly Tackle," Wells	1.75
"Fly Fisher's Entomology," Ronalds	5.00
"Fly Fishing and Fly Making for Trout," Keene	1.50
"With Fly Rod and Camera," Samuels	5.00

Miscellaneous.

"Game Laws in Brief," U. S. and Canada	$ .25
"Poisonous Snakes of the United States," Ditmars	.15
"Camp Life in the Woods," Gibson	1.00
"The Trapper's Guide," Newhouse	.50
"Hints and Points for Sportsmen," "Seneca"	1.50
"The Reptile Book," Ditmars	4.00
"Handbook of Trees, Northern U. S. and Canada," Hough	8.00
"Guide to the Trees," Rowan	2.50
"Our Native Trees," Keeler	2.00
"The Tree Book," Rogers	4.00
"Flashlights in the Jungle," Schillings	3.80
"Nature and the Camera," Dugmore	1.35
"Ski Running," Richardson	1.25
"American Duck Shooting," Grinnell	3.50
"Hitting versus Missing," Hammond	1.00
"The Gunsmith's Manual,"	2.00
"Wildfowl Shooting," Leffingwell	1.50
"Fetch and Carry," Waters	1.00
"Training vs. Breaking," Hammond	1.00
"Small Yacht Construction and Rigging," Hope	3.00
"Canoe Cruising and Camping," Frazer	1.00
"Weather; Use of the Aneroid Barometer,"	.50
"Canadian Wilds; The Hudson Bay Company," Hunter	.60
"Dead Falls and Snares," Harding	.60



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BALLOONING

To the sportsman whose feet have trod the four ways of the earth to their turning and who cries for new fields of venture there comes an answer in the magic word—ballooning. After all is said and done the world is but a small place and few are the untracked fastnesses which have not been bridged by the quest of man and scarce a mystic shrine remains in Nature's silent places whose veil of mystery has not been torn asunder.

Now, when the spirit of Wanderlust is baffled in its yearning for the "unknown" the call comes, swift and sure, from the boundless universe and lo, the whole world is again before us in the infinite loveliness of the dawn! No mind can compass the majestic beauty of an aerial flight. Fancy cannot dictate nor reason comprehend the wonderful mystery and enchantment of the upper world —it is the fairy land of "make-believe" come true at last.

BALLOON TRIPS.

The sport, or art, or science of ballooning—whatever one chooses to call this most amazing diversion of the day—has in the past few years leaped almost at a bound from the fanciful tinkering of inventive geniuses and cranks to a practical craft, free to navigate the air at will. To those who raise the question of safety we would quote the record of the past three years—over three thousand successful ascensions and trips made by members of the Aero Clubs in France and the United States alone without an accident. One has but to compare this with the record of automobiling, for instance, to gain an idea of how completely the element of danger has been eliminated.

Modern balloons—not "airships"—are so strongly built and so intelligently manned and equipped that absolute safety is assured and the length of the flight determined only by the life of the gas. The commodious cars or baskets are large and roomy and one may fit them up in a state of luxurious comfort if desired, carrying every requisite for a long or short trip with all convenience.

This royal sport is rapidly becoming popular all over the world and under the pioneer lead of the Aero Club of America this country, thanks to native American inventive genius, is slowly but surely taking the lead. Aside from the parent organization there are upwards of ten enthusiastic Aero Clubs in the United States alone and the number is growing steadily and swiftly as each doubtful novice becomes a delighted convert.

Realizing that this sport is soon destined to challenge the automobile for popular favor we have made arrangements with the leading manufactory of balloons in this country to supply the best make of balloon, which we list on the following page. We are also prepared to arrange ascensions or trips by balloon, at such points as may be convenient for securing proper quantity and quality of gas. It is, of course, manifestly impossible to quote exact prices for such trips but for the usual trip, regular charges would be approximately as follows:

Rent of Balloon for the Trip..... $50.00

Inflating Balloon and Incidental Expenses..... 50.00

Gas—(Gas usually figured at $1.00 per 1000 feet).

Transportation and expenses of pilot and balloon to point of ascent and return from point of landing.

Such ascensions will be personally conducted and under the management and supervision of expert pilots.

We will be pleased to correspond with parties desirous of making such ascents or trips, furnishing all information, make all arrangements and supply all necessary and needed equipment.

We beg to assure all inquirers that we are in close touch with the foremost aeronautical authorities and that our information and equipment is thoroughly correct and authentic.

SPHERICAL BALLOONS.

These splendid balloons, made by the foremost American designer and manufacturer, are by far the best designed, strongest and safest models in use. They are identical in make and design with those selected by the United States Army Signal Corps after severe competitive tests and trials of the world's best makers.

The envelope, netting, concentrating ring, appendix, valve, rip, car and anchor are all of special make and design exclusive to this balloon and every little detail is worked out to the minutest point of perfection and up-to-date completeness.

While the varnished cotton envelope is quite satisfactory for experimental flights and trial purposes, having a life of twenty-five ascensions, we strongly recommend the rubber "vulcanized proof" or silk double-walled and "vulcanized proof" with a life of one hundred or more ascensions. The great advantages of the latter are as follows: The weight is always the same as it requires no further treatment of any kind—it will out wear five or six varnished balloons—heat or cold have no effect upon the material and ascensions may be made as well in zero weather as in the summer—it is not affected in any way by the chemical action of oxygen, so detrimental to varnished envelopes and has ten times the strength—it is very elastic, perfectly waterproof and will not crack. A balloon made of this material requires but little care in the looking after it otherwise than customary precautions against tearing and damage in transportation and storage.

No talcum or soapstone is used in its manufacture, no revarnishing is necessary and it is not subject to spontaneous combustion.

It is the only balloon made which is an absolute gas holder and the material will stand a breaking strain of 100 pounds per inch of width. It is unquestionably the best material for the up-to-date balloon envelope and is so specified by the U. S. Signal Corps.

PRICE LIST.

Gas Capacity	Material	Carrying Capacity	Price
35,000 Cubic Feet	Varnished Cotton	3 People	$1075.00
35,000 Cubic Feet	"Vulcanized Proof"	3 People	1350.00
56,000 Cubic Feet	Varnished Cotton	4 People	1435.00
56,000 Cubic Feet	"Vulcanized Proof"	4 People	2000.00

Prices for special sizes and silk double-walled "vulcanized proof" material quoted upon request.

The above prices include the complete regular equipment of balloon, with all necessary valves, rip, etc., together with car or basket, guide rope, anchor, anchor rope and cover for envelope and basket.

EXTRAS.

Sea Anchor, see page 225. Sand Bags, Serpent, and Instruments, prices upon application.

BALLOONING EQUIPMENT.

We give below a list of such articles as should be carried on every ascension. (Approved by aeronautic authorities).

Warm Clothing. Hats and Gloves. See pages 160 to 198.
Waterproofs. See Pages 180 to 182.
Light Rucksack, for the personal belongings. See page 146.
Duffle Bags and Cases, for transportation. See pages 137 to 147.
Air Mattress. See pages 55, 56, 80. Blankets. See page 55.
Waterproof Wash Basin. See page 62.
Water Bags. See pages 150, 151.
Flasks. See page 151.
Thermo Bottles. See pages 152, 153.
Toilet Sundries. See page 82. Medicine Cases. See pages 83 to 88.
Lunch Outfit. See pages 123 to 136.
Foods. See pages 116 to 122.
Electric Lamps. See page 65. Good Knife. See pages 89 to 96.
Life Preservers. See page 225. Life Belt and Rope. See page 159.
Sand Bags. Grommeted at top and to hold 40 lbs. (quantity determined by size of balloon and number of passengers.)
Sand Scoop. So that quantity of ballast thrown out can be accurately determined and the equilibrium maintained.
Megaphone, best quality with trumpet mouthpiece, 22 inch, $2.00.
Cameras. See pages 111 to 115.
Field Glasses. See pages 108 to 110.
Compass. (Night Marching pattern recommended). See pages 102 to 104.
Watches with Wriststraps. See page 106.
Sun Glasses. See page 110.
Statiscope. For showing rise or fall. Prices on application.
Thermograph or Registering Thermometer. Prices on application.
Barograph or Registering Barometer. Prices on application.
Hydrometer. For showing moisture in air. Prices on application.
Balloonist's Aneroid. Double Scale and very sensitive.
Astronomical Chart. Prices on application.
Maps (in waterproof cases.) See pages 212, 213.
Small Rule, Notebook, Pencils, etc.

BOOKS RECOMMENDED.

"Weather." Instructions for use of aneroid barometer	$ .50
Moedebeck's Handbook. Covers fully all phases of aerial travel. Invaluable for the beginner and a ready reference for the aeronautical engineer. Illustrated	3.25
My Airships (Santos-Dumont) Illustrated	1.40
Resistance of Air and the Question of Flying (Samuelson)	.80
Airships Past and Present (Hildebrand) Illustrated	3.50
Aerial Flight: Aerodyramics (Lanchester) Illustrated	6.00
Aerial Warfare (Hearne) Illustrated	2.70
Problem of Flight (Chatley)	3.50

CANOES.

It may be fairly said that the canoe represents the height of the expert boat builder's art, for surely no other craft that plies the waters has such demands made upon it. It must be light, yet strong; it must be staunch and steady, yet easy to handle; it must carry great loads, yet draw little water and above all must be so built as to stand all sorts of rough usage and be easy to transport. Beginning with the primitive dug-out and the Indian birch-bark, year after year of steady development and constant improvement brings us down to the latter day cedar built and canvas covered canoe, universally acknowledged as the best for all general purposes. It is stronger than any other form, is always tight and dry, will stand much more abuse and hard usage and is handsome in design and finish.

Coupled with the skill of the best canoe builder in the world, Morris, goes our own practical knowledge of what a canoe should be and do, and the result is a canoe without parallel for lightness, speed, strength and ease of handling combined in one model. Naturally, the type of canoe should be adapted to the purpose for which it is intended and a selection made accordingly. Each of our models is designed for a special purpose and every line and dimension most carefully planned and worked out to attain the maximum of practical service in this respect.

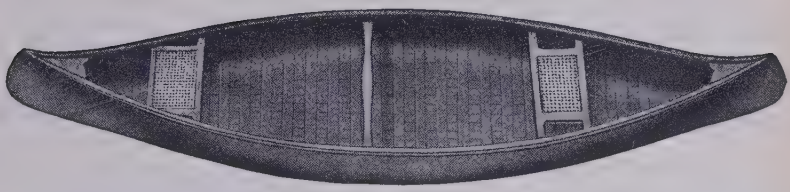
The new "Mastigouche" model, an improvement on our old "Caughnawana," is designed for use in rough and unexplored countries where frequent portages must be made over bad trails or through the uncleared forest. In it the weight has been reduced, as low as is compatible with strength and rigidity, and the result is a marvel of canoe utility.

The "Peribonka" is a still further improvement over our famous "Bic" model and is designed especially for rough river work, the running of rapids and steady handling in bad water and open lakes. The clean bow and swelled counter turn heavy seas smoothly and make it the ideal canoe for quick and easy handling in "white water." The "New Club," one of our most famous canoes, is the best model made where great stability combined with shallow draft and easy paddling is desired. They are particularly desirable for the use of fishing clubs, on salmon streams and large lakes. For the use of women and children in summer camps they are to be desired by reason of their safety and steadiness.

CONSTRUCTION.

Ribs and planking of finest selected white cedar, clear grained and free from knots. Decks, seat frames and thwarts of mahogany. Inwales, gunwales and outwales of fine grained spruce. Bang plates riveted through stems. Ribs shaped to form in one piece from stem to stern and ends "let in" to gunwale. Caned seats. Canvas skin of best double filled duck, filled with preservative composition and finished with four coats of white lead (hand rubbed), two coats of paint and two coats of varnish. The finish is as smooth as glass, will wear for years and is the crowning touch on the finest and best canoe made in the world.

THE "MASTIGOUCHE".

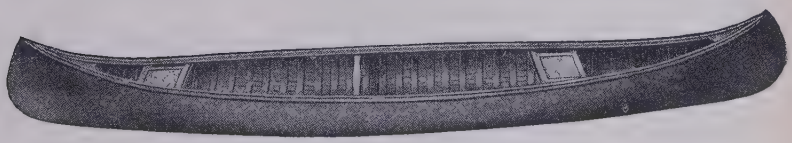


Furnished with two caned seats, one thwart and bottom grating.

Length.	Width.	Depth.	Height at Ends.	Weight.	Price.
13 feet.	35½ inches.	13 inches.	24 inches.	50 lbs.	$40.00
15 feet.	35½ inches.	13 inches.	26 inches.	60 lbs.	42.00

Colors, Dark Green or Auto Gray.

THE "NEW CLUB."



Furnished with two caned seats, two thwarts and bottom grating.

Length, 16 feet. Width, 33½ inches. Depth, 12½ inches.
Height at ends, 27 inches. Weight, 65 lbs. Price..... $42.00

Colors, Dark Green or Auto Gray.

THE "PERIBONKA."

Similar in general shape and design to the "New Club," but with flatter floor and fuller counters, giving the canoe great stability and steadiness. Furnished with two caned seats, three thwarts and bottom grating.

Length, 17 feet. Width, 37 inches. Depth, 13 inches.
Height at ends, 28 inches. Weight, 70 lbs. Price..... $44.00

Colors, Dark Green or Auto Gray.

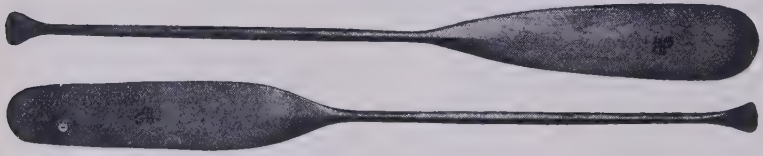
All canoes carefully packed in straw and burlap. Crating, extra.

REGULAR "MORRIS" CANOES.

Color, Dark Green. With caned seats and bottom grating.

Length	Width on Rail	Depth	Weight	Price
15 ft.	30½ in.	12 in.	60 lbs.	$40.00
16 ft.	31 in.	12 in.	65 lbs.	40.00
17 ft.	31½ in.	12 in.	70 lbs.	40.00
18 ft.	32 in.	12 in.	75 lbs.	42.00

PADDLES.



We call particular attention to our paddles, which are made especially for us, of the very finest white spruce and hard maple. These paddles are not finished with the customary cheap varnish but are thoroughly soaked in oil. This does not blister the hands as varnish will, and prevents the paddles from warping and splitting. Carried regularly in 5, 5¼, 5½, 5¾ and 6-foot lengths in both patterns.

"Algonquin" style, narrow blade, spruce or maple..... $1.50
"Passamaquoddy" style, broad blade, spruce or maple..... 1.50

DOUBLE PADDLES.

Fine white spruce, copper-tipped, with nickel-plated ferrules..... $3.50
Rubber drip cups for same, per pair..... .30

SETTING POLES.

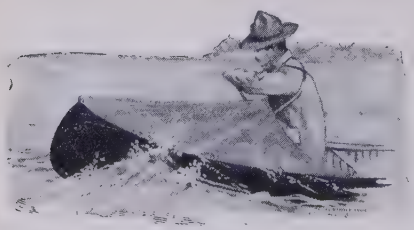
Best spruce, with steel spike and ferrule..... $1.50

FLAGPOLES.

Complete with acorn tips, Each, 75c. Flagpole sockets. Brass, 35 c.
(For Flags see page 81.)

CARPETS.

Fine quality. Shaped to fit canoe, and bound edges. Per foot.....75c.



SPRAY HOOD.

Quickly attached to any canoe by means of screw-eyes or carriage buttons slipped through button holes. Made of our famous "Tanalite" cloth, weighs only 9 ounces, and is perfectly waterproof. For running rapids, paddling in rough water or in cold weather it keeps one dry and warm and quickly sheds any water shipped over the bow. Price, $3.25.

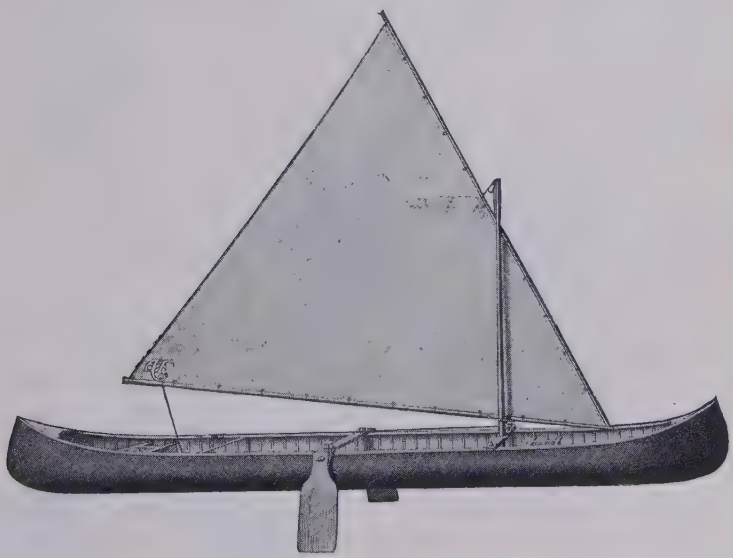
CANOE SAILING OUTFIT.

This canoe sailing outfit, fast, safe and easily handled may be readily attached to any standard make of canoe. It includes a balloon silk sail of exceptional quality, lateen rig with mast, spars, mast seat and step, leeboards and all necessary fixtures and running gear.

The balloon silk, of which our sails are made, is light and strong and will not stretch out of shape. The material is far superior to the sail cloth in ordinary use. The area of the sail is 45 square feet.

Spars are of selected straight-grained spruce, handworked and finished with the best quality of spar varnish, and all fixtures are of polished brass.

The leeboards consist of an adjustable cross-arm, fitted securely to the gunwales by grip bolts, and the leeboards proper, which are held in place on the cross-arm by a heavy bolt and tension thumb nut. When pressure is withdrawn, leeboards may be swung up out of the way.



Sailing outfit complete with leeboards, weight, complete, 21½ lbs.
..... Price $17.00
Without leeboard, weight, 10½ lbs..... 10.50
Leeboards only, weight, 11 lbs..... 7.50

Special sails of all kinds made promptly to order.

CANOE CHAIRS AND BACK-RESTS.

No. 1. No. 2. No. 3. No. 4.

No. 1. A light, strong and serviceable back-rest. Well made and carefully finished. Mahogany, $1.50. Hard Maple, $1.25.

No. 2. Folding back-rest and seat, both double caned. Can be used either on seat or floor. Mahogany, $2.25. Hard Maple, $2.00.

No. 3. Folding back-rest and seat, both double caned. This makes a most comfortable seat and is intended for the floor of the canoe. Height of seat five inches. Mahogany, $3.00. Hard Maple, $2.50.

No. 4. Folding back-rest and seat with shaped seat and back of narrow slats. Seat raised five inches. Mahogany, $3.00. Maple, $2.50.

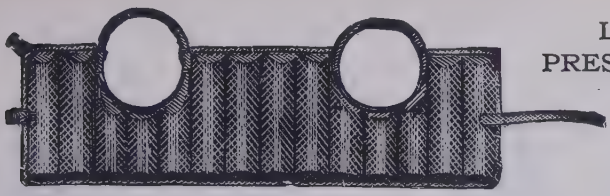
CANOE YOKE.

For the portage this yoke affords a most handy and convenient means of carrying the canoe. The cross-bar is made of selected hard maple and is clamped to gunwale by brass wing-nuts. Shoulder pads are adjustable, covered with leather and padded with curled hair. Price, $2.25.

"BONTERRE" CANOE CARRIER.

(Pneumatic.)

Quickly attached and easily inflated. Made on an improved design, with broad back and ends which do not quite meet in front when in use. Strong khaki cover and hand-sewed straps and patent buckles for attaching to thwarts and paddles, which rest on corrugated rubber pads to prevent slipping and friction. Tapes are tied to paddles to keep ends apart. These carriers turn the weight of the canoe into a live, springy load which is easily and comfortably carried, even by the novice. Price, $3.75.



LIFE PRESERVERS.

This is the best and most practical form on the market for the canoe and small boats, as they may be rolled up snugly and stowed away in small space. Made of best quality rubber, to be inflated.

No. 1. Length, 29 in. Price $2.50 No. 3. Length, 37 in. Price $3.17
No. 2. Length, 33 in..... 2.85 No. 4. Length, 41 in..... 3.50

(For Rubber Cushions see page 80.)

SEA ANCHORS.

These should be carried by every yacht, launch, boat or canoe for use in open water. In squalls or sudden gales they hold the craft's head to the wind and allow it to ride safely. Hand made of best heavy duck over ash hoops.

Diameter in inches,	12	16	22	24	30
Length in inches,	18	24	30	36	40
Price,	$1.50	$2.50	$3.50	$4.50	$5.00

CANOE ENAMELS.

Common paint should not be used for refinishing canoes as it does not wear well and gives an unsatisfactory finish. The finest and most durable finishes are obtained with canoe enamels. We carry a full line of the best canoe enamel made. One pint can is sufficient for two coats on an 18-foot canoe. No varnish is required, as the enamel dries with a bright finish equal to the best varnish. This is due to the fact that the best grade of spar varnish is ground into the enamel. Carried in pints only in the following colors: Vermilion, Holly Red, Indian Red, Velvet Brown, Moss Green, Dark Green, Light Green, Azure Blue.

Pint can, weight, 1½ lbs.....Price $ .80

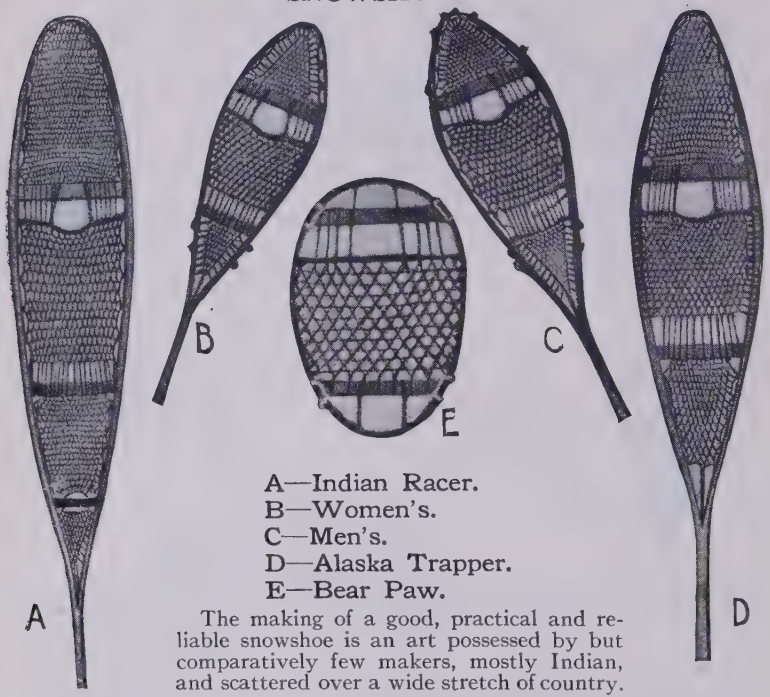
CANOE VARNISH.

When the canoe needs a little touching up but not enough to demand repainting this varnish will be found most satisfactory for both inside and outside work. Best grade of flexible waterproof boat varnish, made expressly for the purpose. Put up in seal-top tin cans, containing 1 pint.....Price $1.00

CANOE CEMENT.

Invaluable for the quick repairs of tears and punctures in the canvas covering. Should be carried in every canoeist's kit, especially on river trips. The cement is simply heated with a match, smeared under or over the damaged spot, pressed down with a wet finger, and the repair is made. No time lost filling with lead and tacks, hunting "gum," etc. Put up in handy stick form. Price, 25c.

SNOWSHOES.



A—Indian Racer.
B—Women's.
C—Men's.
D—Alaska Trapper.
E—Bear Paw.

The making of a good, practical and reliable snowshoe is an art possessed by but comparatively few makers, mostly Indian, and scattered over a wide stretch of country.

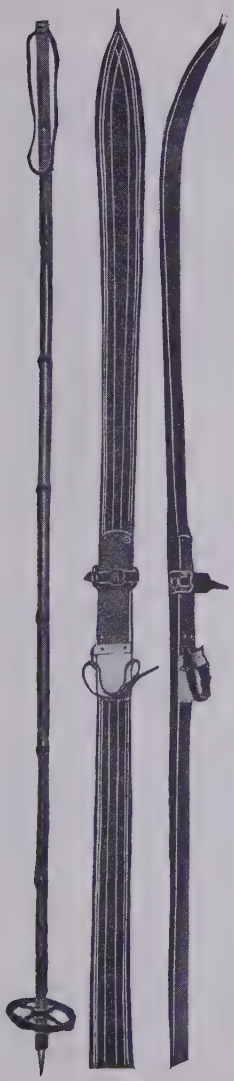
Naturally the styles, shapes and methods of making, stringing, etc., vary considerably according to the locality, but we have gathered together an assortment of patterns suited to all needs.

We call particular attention to the quality of these shoes and the excellence of making and assure our patrons that no better shoes may be had for practical service.

Bows all hand made by expert workmen of well seasoned, fine grained wood, light and tough. Webbing made of selected thongs and carefully laced and fastened.

Prices, Including Thongs.

Children's Size	$3.75	Boy's Size	$4.25
Women's Size			5.00
Men's Size, Light Weight			5.00
Men's Size, Medium Weight			5.50
Men's Size, Heavy Weight			6.00
Alaska Trapper	$8.00	Indian Racer	12.00
Bear Paw, Medium	3.75	Bear Paw, Large	4.50
Foot Gear, Special Pattern, All Sizes			1.00



SKIS.

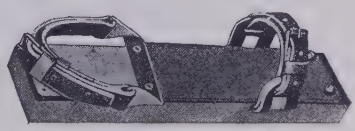
This exhilarating and exciting sport is becoming more and more popular every year and in many sections of the country is replacing the snow-shoe for winter travel. Recognizing the demand for a high grade ski we have taken the U. S. agency for the celebrated skis made by J. P. Hansen, Christiana, Norway, acknowledged by experts to be the very best.

These are carefully made by hand from the best of well seasoned white ash, handsomely finished in brilliant black enamel, and are the lightest, toughest and fastest skis made.

NORWEGIAN SKIS.

Length, 7¾ feet.....Price	$10.75
Length, 7½ feet.....	10.00
Length, 7¼ feet.....	9.25
Length, 7 feet.....	8.50
Foot Straps, attached, extra.....	1.50

HOYER-ELLEFSENS FOOT BINDING.



The very best. Used almost exclusively by the world's champion ski runners and jumpers.

Separate, per pair.....	$3.00
Attached to Skis.....	4.00

AMERICAN SKIS.

Well made of selected and seasoned ash, finished in oil to prevent warping. Fitted with rubber foot rest and toe straps.

Length, 9 feet.....Price	$5.50
Length, 8 feet.....	5.00
Length, 7 feet.....	4.00
Length, 6 feet.....	3.50
Special Foot Harness, attached, extra....	1.50

SKI POLE.

Tonquin bamboo, very light and strong. Fitted with ash brake-ring lashed with raw-hide and leather wrist thong. Has steel spike and ferrule. The best ski pole made.

Length, 7 feet.....Price $1.50

IMPORTED NORWEGIAN SKATES.

(Z. Ericksen.)

Racing Model.

Hockey Model.

Ever since the Norwegian manufacturers began making the tubular form of skate it has steadily grown in favor until it is now universally considered the best for all forms of skating. We have taken the United States agency for the Z. Ericksen skate, conceded by all to be the finest make, and offer for the first time these celebrated racing and hockey models in general use throughout the world by the champion skaters and record holders. Their construction is the strongest and lightest form possible. Tubular frames with finest hand forged steel runners.

Racing Skate, to Screw or Strap	$6.00
Racing Skate, to Screw or Rivet	7.50
Tubular Hockey, Expert Model	8.50
Footstraps included if desired.	
Screwed or Riveted to Shoes, extra	.50

BARNEY AND BERRY SKATES.

The Best American Make.

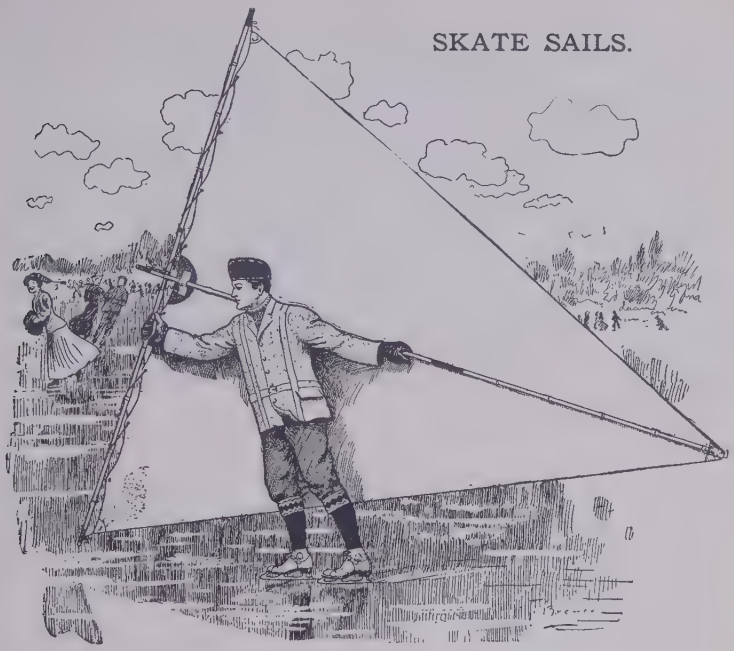
Regular Hockey.

Canadian Hockey.

Safety Edge Hockey.

American Club.

Regular Hockey, Men's or Women's, Nickel Plate....Grade A	$2.75
Regular Hockey, Men's or Women's, Nickel Plate....Grade B	1.50
Canadian Hockey, Men's or Women's, Nickel Plate...Grade A	5.00
Safety Edge Hockey, Men's or Women's, Nickel.....Grade A	4.50
American Club, Men's or Women's, Nickel plate.....Grade A	4.00
American Club, Men's or Women's, Nickel plate.....Grade B	2.50
American Club, Men's or Women's, Polished Steel....Grade C	1.00



"Marcus," or Racing Model.

This royal sport is one of the most exciting and pleasurable in the whole catalogue of winter sports. While it requires some skill and practice to become expert in handling skate sails, anyone with the ability to skate and a slight knowledge of sailing can quickly master the art. The skater grasps the sail by the "yard," or "boom," with the sail between him and the wind, preserving his balance by leaning against the sail according to the wind pressure, as shown in the cut. The direction is changed at will by simply altering the angle at which the sail is held to the wind. To "tack" or "go about" in sailing against the wind, the skater changes his course so as to run dead into the wind and let the sail go slack. It is then raised above the head, dropped on the other side, the direction changed and you are off like a shot on the opposite "tack."

"Running off," or sailing straight before the wind, is very simple, the sail being held behind in such position that the wind bears evenly on either side. To stop, shift the position of the sail so as to bring you close to the "yard" and let the "boom" or tail swing out straight in the wind and stop in the same manner as when skating or else change the course so as to run dead into the wind until you stop through loss of momentum.

Various models have been developed in different sections from which we have adopted and improved the two fastest and most popular.

These we make up with light bamboo spars, jointed with strong metal ferrules, making them light to handle and easily transported. Sails of balloon silk or special sheeting, but we recommend the silk as being lighter and faster.

"MARCUS," OR RACING MODEL.

This is the best balanced and fastest sailing rig of the kind and which we recommend for speed and ease of handling. Has out-haul or take-up device between yard and boom, which is instantly adjustable. Jointed bamboo spars.

With Balloon Silk Sail	Weight, 3¾ lbs.	$7.50
With Special Sheeting Sail	Weight, 5½ lbs.	4.50
Sail Only, Silk	Weight, 1⅜ lbs.	5.00
Sail Only, Sheeting	Weight, 3 lbs.	2.00
Spars Only, Jointed Bamboo	Weight, 2½ lbs.	2.50

"DAN BEARD," OR LAKE ERIE MODEL.

A very popular model and much used in the country of the Great Lakes. Similar in general design to the "Marcus" but is a little longer on the boom and has spreader or batten in center of sail. Spars are jointed bamboo and boom is pinned through the yard and has a Jolewis, or leather take-up strap, on end of sail.

With Balloon Silk Sail	Weight, 3¾ lbs.	$7.75
With Special Sheeting Sail	Weight, 5½ lbs.	4.75
Sail Only, Silk	Weight, 1⅜ lbs.	5.25
Sail Only, Sheeting	Weight, 3 lbs.	2.25
Spars Only, Jointed Bamboo	Weight, 2½ lbs.	2.75

TOBOGGANS.

Built on the "raised runner" principle, which gives less friction than the old style. Made of selected ash, all parts screwed, rope side rails and well varnished. Light, strong and springy. All 18 inches wide.

Length in feet	5	6	7	8	9
Price	$4.00	$4.75	$5.50	$6.50	$7.50

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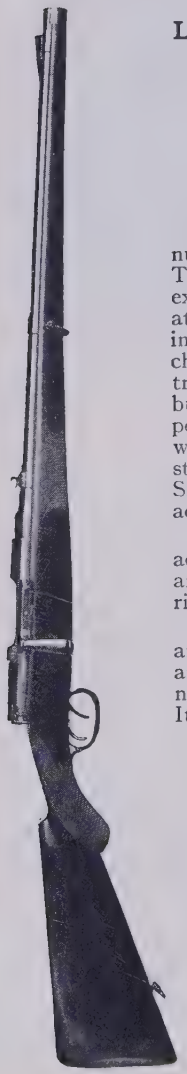
FIRE ARMS

In the selection of firearms much depends upon the purpose for which they are intended. As in everything else, there must be one that is best of all, and in this respect we unhesitatingly pronounce the Mannlicher Schoenauer as the very finest rifle made for all-around use, especially when low trajectory, fine accuracy and great power are desired. No other rifle can compare with it in the above respects, nor for accuracy in making and nicety of finish. The bolt action is rapidly taking first place in all high-power rifles, and justly so, as it is simpler, stronger and safer, and we include in our stock, beside the Mannlicher Schoenauer, the Mannlicher Haenel and Mauser sporting models.

In lever-action rifles, the Winchester is universally admitted to be the superior of all others, and we so recommend them, but will fill orders for any standard make. For revolvers, the Colt stands without a peer for reliability and service, and we give them first place without question. We supply also the Smith & Wesson, Iver Johnson, and other makes.

In automatic pistols, the Luger stands easily first for power and accuracy—the Colt for compactness and pocket use. Our line of shotguns represents a selected stock, but we will supply any make at regular prices.

THE MANNLICHER SCHOENAUER RIFLE.



LIGHTWEIGHT SPORTING MODEL.

Sole Agents for the United States.

6.7 m/m = .2639 calibre; 9 m/m = .3546 calibre.
Weight, 6 lbs., 11 ozs.
Length of barrels, 18 and 22 inches.
Length over all, 39 and 43 inches.

Forearm and stock is of fine selected French walnut, handsomely checked. Half pistol grip, checked. The stock and forearm is made in one continuous piece, extending to the muzzle, which affords a perfect grasp at any point, and also serves to protect the barrel from injury. Has double set trigger, which allows the choice of an ordinary pull or a very delicate hair trigger. Sights are very fine and perfectly adjusted, but are so made and placed to give the greatest possible protection against derangement. When equipped with telescope sight the open sights on the rifle may still be used without interfering with the telescope. Sights are adjusted up to 300 yards and are absolutely accurate.

The bolt lever has a powerful spring release and the action is beautifully smooth and even, making this arm the easiest and fastest operated of all the bolt action rifles.

Both the bolt and magazine action is extremely simple and can be quickly and easily reassembled without any tools. The magazine action is worthy of especial note and is the finest and safest system ever devised. It is made on the revolving principle and is fitted with separate grooves or chambers in which the cartridges lie side by side, but do not touch each other, thus protecting shell, bullet and primer and greatly lessening any danger from friction or contact. With this magazine system the jamming of cartridges in the carrier or chamber is impossible as the cartridges are delivered into the chamber on an exact line and the danger of soft pointed cartridges jamming against the shoulder of the chamber, possible with angle fed systems, is entirely done away with. The magazine may be loaded by clip or singly by hand, as desired, and may instantly be removed entire and taken apart without tools. It has a capacity of five cartridges, but an extra cartridge may also be inserted in the chamber, allowing six shots at command.

THE MANNLICHER SCHOENAUER RIFLE.

Action open and showing magazine partly detached.

The ejection is quick and positive, the exploded shells being thrown out at the side and far from the shooter. If desired, all the cartridges in the magazine may be instantly removed by simply pressing a spring catch, and it is not necessary to pump them out one by one as in other models.

The bolt action is positive and closes the chamber in such manner that miss-fire, accidental discharge or "flare-back" is impossible.

It is delightfully smooth and easy in operation and ejects and reloads much more quietly and with far less effort than any other bolt action rifle. The safety is instantly thrown in or out and is positive in its action, securely locking all parts. Barrels and action blued finish throughout. Stocks fitted with lugs for sling straps.

Butt has inner compartment, opening at butt plate, containing jointed cleaning rod and cloth patches for cleaning. This rifle is without question the most accurate and dependable arm for long range shooting and all around use ever made, and we recommend and guarantee them as such without reserve.

PRICES.

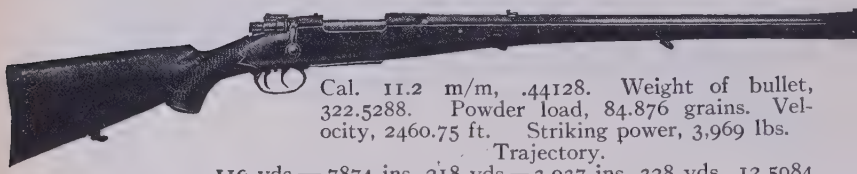
Regular Model, Open Sights	$75.00
Special Model, Beautifully Engraved, Fancy Stock	130.00
Fitted with Voightlander detachable telescope sight, extra	50.00

BALLISTICS.

	Weight Bullet Grains	Weight Powder Grains	Velocity Bullets per Second	Trajectory 100-200-300 yds. Inches		
6.7 m/m .2639 Cal.	139	38.2	2560	.58	3.37	9.40
9. m/m .3546 Cal.	247	42.43	2146	1.06	4.90	13.90

PETERLONGO NEW BIG GAME RIFLE.

11 m/m Mauser.



Cal. 11.2 m/m, .44128. Weight of bullet, 322.5288. Powder load, 84.876 grains. Velocity, 2460.75 ft. Striking power, 3,969 lbs.

Trajectory.

110 yds.—.7874 ins. 218 yds.—3.937 ins. 328 yds. 12.5984 ins. Price $60.00. Price cartridges per 100, $8.00.

HAENEL (MANNLICHER) REPEATING RIFLES.

New Model 9 m/m or .354 Calibre.

Can readily be loaded with or without magazine clip or used as a single loader. Extra finish; raised matted rib; half octagon barrel, 24, 26 or 28 inches; sling swivels, hair trigger, checkered pistol grip; all bright parts matted; weight, 7 to 7½ lbs.....Price, $50.00

Extra charge for any but regular finish. 20 or 22 inch barrels on special order.

Maximum range 4500 yards; killing range, 3000 yards; pointblank range, 300 yards; muzzle velocity, 2000 feet, smokeless powder charge, 46 grains; weight of bullet, 280 grains; penetration steel-jacketed bullet, 60 inches of pine.

SAUER MAUSER REPEATING RIFLE.

No. 250—J. P. Sauer & Son, Mauser model 1899 action, 20-inch one-half round tapered barrel, flat matted rib, selected full pistol grip stock, double set triggers, shotgun butt, beautifully balanced, weight about 6¾ lbs., made in 8 m/m (.315 calibre) or 9 mm (.354 calibre) .....Price, $50.00

Range, 4500 yds. Killing range, 3000 yds. Point-blank range, 300 yds. Muzzle velocity, 2000 ft. Penetration steel jacketed bullet, 52-inch wood. Cartridges 8 m/m, smokeless powder, 236 gr. bullet. Cartridges 9 m/m, smokeless powder, 280 gr. bullet.

WINCHESTER 1886 MODEL.

This system has given complete satisfaction among big game hunters everywhere.

The breech mechanism is without question safe and strong and we recommend this rifle without reserve for its weight, accuracy, simplicity of action and tremendous killing power.

For .33, .38-56, .38-70, .40-65, .40-70, .40-75-260, .40-82, .45-70, high velocity; .45-70-405 government; .45-70-500 government; .45-70-330, .45-70-350, .45-90, .45-85-300, .45-85-350, .45-82-405, .50-100 and .50-110 cartridges. Made with full or half magazine in "Take Down" and in extra light weight styles.

PRICE LIST.

Full or Half Magazine.

Carbine, 22 ins., round barrel; weight, about 8 lbs. Price	$15.20
Round barrel, 26 ins. long or under; weight, about 8¼ lbs.	15.60
Octagon barrel, 26 ins. long or under; weight, about 8¾ lbs.	16.80
Half octagon barrel	17.20
"Take Down" rifles, 26 ins. round barrel; weight, about 9 lbs.	20.00
Octagon barrel	21.20
Half octagon	21.60
Extra light-weight rifle, 22 ins. round, nickel steel barrel; weight, about 6¾ lbs., .45-70 calibre only	20.00
Extra light-weight "Take Down" 22 ins. round, nickel steel barrel; weight about 7¼ lbs.; .45-70 calibre only	24.00
High power .33 "Take Down," 24 ins. round nickel steel barrel, shotgun butt stock; weight, 7¾ lbs.	24.00
Same rifle, solid frame	20.00

When ordering .45-70, .45-90, and .50-110 rifles state if desired sighted for High Velocity Cartridges.

INTERCHANGEABLE BARRELS.

Complete, with magazine, etc. $12.00

A very desirable feature of the Model 1886 "Take Down" rifle is nterchangeable barrels, as it enables one to have practically two different guns for the slight cost of another barrel. As the action of the Model 1886 is the same for all cartridges it is made for except the .33, different calibre barrels can be used with the same "Take Down" frame. It will be necessary to send guns to have extra barrels fitted.

WINCHESTER MODEL 1890 "TAKE DOWN" .22 CAL. REPEATING RIFLE.

Rifles of this model are chambered for one size of cartridge only—.22 short, .22 long or .22 Winchester.

When ordering please specify size of cartridge desired, otherwise .22 short will be sent.

24 in. Octagon barrel, straight grip stock; weight, $5\frac{3}{4}$ lbs.
Price, $10.80.

WINCHESTER 1892 MODEL.

An improvement of the original famous 1873 model, which is too well known to require description.

Made for .25-20, .32, .38 and .44 calibres.

PRICE LIST.

Full or Half Magazine.

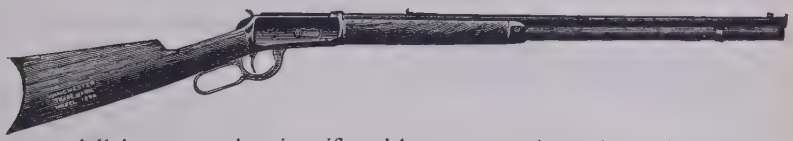
Octagon barrel, 24 inches long; weight about 7 pounds; number of shots, 14	$13.16
Half octagon	13.50
Round barrel, 24 inches long; weight, about $6\frac{3}{4}$ pounds; number of shots, 14	12.15
Carbine, weight, about $5\frac{3}{4}$ pounds; number of shots, 12	11.81
"Take Down" Rifles, 24-inch barrel; weight about $7\frac{1}{4}$ pounds round $16.88, octagon $17.89 or half octagon	18.23

INTERCHANGEABLE BARRELS.

The .38 and .44 calibres of the Model 1892 "Take Down" rifles, having the same action, we can make the barrels interchangeable so that anyone wishing to use the two styles of cartridges may do so at a comparatively small increase over the cost of one rifle.

Extra barrels, with magazines complete, will be furnished for $12.00. All rifles must be sent to the factory to be fitted.

WINCHESTER 1894 MODEL.



A light, strong-shooting rifle, with a very popular action and probably the best-known rifle made—the rifle that made the .30-30 famous.
For .25-35, .30 W. C. F., .32-40, .32 Win. Special and .38-55.

PRICE LIST.

Full or Half Magazine.

.32-40 and .38-55 Calibres.

Carbines, 20 inch barrel, 7 shots; weight, about 6 pounds	$11.81
Octagon, 26 inch barrel, 9 shots; weight, about 7¾ pounds	13.16
Half Octagon	13.50
Round Barrel, 26 inch, 9 shots; weight, about 7½ pounds	12.15
"Take Down" Rifles, 26 inch round barrel, 9 shots; weight, about 7¾ pounds	16.88
Octagon $17.89 Half octagon	18.23
Extra Light Weight, 26 inch round barrel; weight, about 7 pounds	15.53
Octagon 16.54 Half octagon	16.88
Extra Light Weight "Take Down," 26 inch round barrel; weight, about 7¼ pounds	20.25
Octagon 21.26 Half octagon	21.60

.25-35, .30 and .32 Special Winchester Calibres.

Carbines, 20 inch barrel, 7 shots; weight, about 6¼ pounds	$14.18
Round, 26 inch nickel steel barrel, 9 shots; weight, about 7¾ pounds	15.53
Octagon 16.54 Half octagon	16.88
"Take Down," 26 inch round nickel steel barrel, 9 shots; weight, about 7¾ pounds	18.90
Octagon 19.91 Half octagon	20.25
Extra Light Weight, .25-35 and .30 calibre only, 26 inch round nickel steel barrel; weight, about 7 pounds	18.90
Octagon 19.91 Half octagon	20.25
Extra Light Weight "Take Down," .25-35 and .30 calibre only, 26 inch round nickel steel barrel; weight about 7¼ pounds	21.28
Octagon 23.29 Half octagon	23.63

INTERCHANGEABLE BARRELS.

Model 1894 "Take Down Rifles can be furnished with interchangeable barrels, the .25-35 interchanging with the .32-40, and the .30 Win. interchanging with the .32 Win. Special and the .38-55.
Extra barrels, complete with magazine, forearm, etc. $12.00

Barrels must be sent to be fitted.

WINCHESTER 1895 MODEL.

For .30 U. S. Army, 30 U. S. G. 1903, .303 British, .35, .38-72, .40-72 and .405 calibres.

This is the first box-magazine, lever-action repeating rifle ever put upon the market. It is extremely handsome in form, and the moving parts are few and strong.

The construction of the mechanism is such that the rifle can readily be used as a single loader, keeping the magazine in reserve, and the magazine follower is so arranged as to positively prevent jamming of the rifle by false movement.

All the cartridges adapted to this model are extremely powerful, and their shocking and killing effect is terrific. Are especially desirable for heavy game shooting.

PRICE LIST.

.30 Army, 1903 U. S. G., or .303 British, 24 inch round barrel; weight, about 8¼ pounds	$24.00
Carbine, .30 Army, or .303 British, 22 inch round barrel; weight about 8 pounds	24.00
.35 Winchester, 24 inch round barrel; weight about 8½ pounds	24.00
.38-72 or .40-72 Winchester, 26 inch round barrel; weight about 7½ pounds	18.80
.38-72 or .40-72 Winchester, 26 inch octagon; weight about 8¼ pounds	20.00
Half Octagon	20.40
.405 Winchester, 24 inch round barrel; weight, 8¼ pounds	24.00

The barrels of the .30 Army, 1903 U. S. G., .303 British, .35 and .405 are made of nickel steel—the .30 Army and .303 British being 28, and the .35, 24 inches long. Octagon or half octagon or longer barrels cannot be furnished in these calibres.

The .38-72 and .40-72 calibre rifles are made with round, octagon, or half octagon barrels, standard length of 26 inches.

Barrels in .38 and .40 calibres can be furnished up to 36 inches in length at an additional charge of 50 cents per inch for each inch over the standard.

Fancy stocks and shotgun butt stocks can be furnished for this model. Pistol grip stocks cannot be furnished. Set triggers cannot be furnished.

Rifles chambered for the .30 Army cartridge will not handle the .303 British cartridge.

WINCHESTER 1902 MODEL.
SINGLE SHOT—TAKE DOWN.

Chambered for .22 Short, .22 Long and .22 Long Rifle Rim Fire.

The action used in this rifle is of the bolt type, and is exceedingly simple, consisting of very few parts.

The barrels are bored and rifled with the same care and exactness employed on all Winchester rifles, and this little arm will be found to be a marvel of strength and accuracy.

18 inch, round barrel, plain trigger, combination trigger guard and pistol grip, highly polished stock, steel butt plate; weight, 3 lbs.
No variations from standard will be furnished..... Price, $3.50.

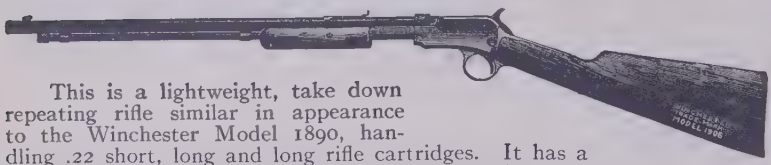
WINCHESTER 1903 MODEL.
.22 WINCHESTER AUTOMATIC.

The Winchester Model 1903 is a ten-shot AUTOMATIC, hammerless, "Take Down" rifle, using a new, inexpensive rim-fire cartridge, known as the .22 Calibre Winchester Automatic, loaded with Smokeless Powder and Winchester Greaseless Bullet. We predict with the advent of this gun a new era in rifle shooting. True lovers of sport will use it in open places upon moving game—ducks, geese and small animals—where shotguns are now used. It is simple in construction and operation. After filling the magazine and throwing a cartridge into the chamber, all that it is necessary to do to shoot the ten cartridges that the magazine holds is to pull the trigger for each shot. The rifle can be shot as fast as the trigger can be pulled. The recoil from the exploded cartridge ejects the empty shell, cocks the hammer and throws a fresh cartridge into the chamber. 20 inch round barrel, plain walnut stock and forearm.

Blued Trimmings, open front and rear sight;
weight, 5¾ pounds. Price $16.88

Fancy walnut stocks and forearms, and plain or fancy walnut pistol grip stocks, checked or unchecked, are the only variations from standard that will be furnished, and carry the same prices as on other models.

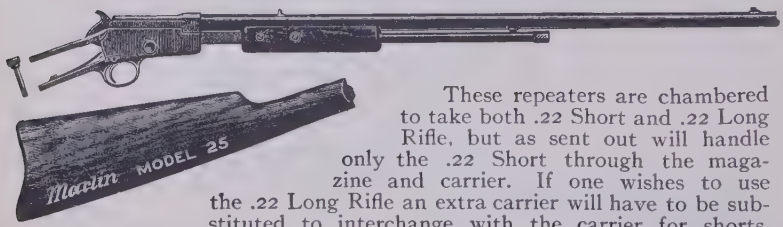
WINCHESTER MODEL 1906 .22 CALIBRE REPEATING RIFLE.



This is a lightweight, take down repeating rifle similar in appearance to the Winchester Model 1890, handling .22 short, long and long rifle cartridges. It has a 20-inch round barrel fitted with a Sporting front sight and adjustable open rear sight; measures 36 inches over all. The magazine holds 15 cartridges, 22 short. The rifle can be furnished in this style only.

Weight, 5 pounds.....Price, $8.50

MARLIN MODEL 25.



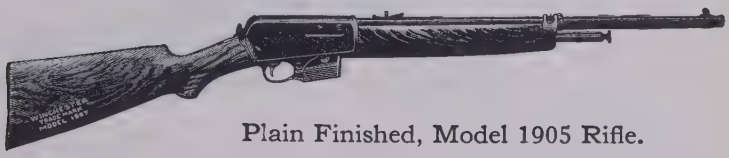
These repeaters are chambered to take both .22 Short and .22 Long Rifle, but as sent out will handle only the .22 Short through the magazine and carrier. If one wishes to use the .22 Long Rifle an extra carrier will have to be substituted to interchange with the carrier for shorts. These carriers may be interchanged at will, without tools and in a moment's time. Length over all, 36 inches; with buttstock removed, 26½ inches; length of butt, 13 inches. Barrel, 20 inches long.

Rifle with round barrel, weight, 3¼ lbs. Price.....	$9.50
Rifle with octagon barrel, weight, 3¾ lbs. Price.....	9.25
Extra carriers for .22 long or .22 long rifle cartridges. Each.....	2.00

STEVENS REPEATING RIFLE NO. 80.

24-inch round steel barrel. Bolt action, walnut stock, aluminum butt plate. 16 shots, 22 short cartridges. Handling 22 short, 22 long, 22 Long Rifle, and 22 Stevens Pope Armory. Weight, 5¼ pounds. Price, $8.75.

WINCHESTER SELF-LOADING RIFLE, MODELS 1905 AND 1907.



Plain Finished, Model 1905 Rifle.

"Take Down." Made for .32 and .35 and .351 Calibre Winchester S. L. Cartridges.

Twenty-two Inch Round Barrel, Plain Trigger, Pistol Grip Stock of Plain Walnut not Checked, Weight about 7½ pounds,
Number of Shots 6.....Price, $18.90

MODEL 1907. .351 Calibre High Power.

The great success achieved by the Winchester Model 1905 Self-Loading Rifle, made in .32 and .35 calibres, resulted in many requests for a gun of the same type adapted to a more powerful cartridge. This has led to the introduction of the new Winchester High Power Model 1907. This rifle shoots a cartridge of .351 calibre, with 180 grain bullet, having a muzzle velocity of 1861 feet per second. It will penetrate a steel plate one-quarter of an inch thick or twenty-six ⅞-inch dry pine boards, when used with metal patched bullets; and thirteen ⅞-inch dry pine boards, when used with soft point bullets.

It has the Winchester Model 1905 Self-Loading system, which is simple and strong and has demonstrated its absolute positiveness and durability during two years' service in the hands of users. It holds six shots, five of which are loaded into the magazine. This magazine is detachable and can be inserted in the gun when the bolt is closed, making it quick, safe and handy.

The detachable magazine in a rifle of this type has many advantages. It permits carrying extra loaded magazines by means of which rapid and continuous fire can be maintained, and also makes it unnecessary to work the cartridges through the gun in unloading. The empty shells are ejected from the side. The working parts of this gun are few and strong. There are no moving projections on the outside of the gun to catch in the clothing or tear the hands, and no screws or pins to shake loose. The barrel is stationary like that of an ordinary rifle, and the sights are attached directly to the barrel, which is essential for accuracy.

In using the Winchester Self-Loading Rifle, it is necessary to pull the trigger for each shot. The gun is provided with a trigger lock, allowing it to be carried with the hammer at full cock.

Length over all, 38 inches. Pistol grip stock. Rubber butt plate. Length of stock, 13⅞ inches. Drop, 1¾ inches at comb, 2¾ inches at heel. 20-inch round nickel steel barrels only.

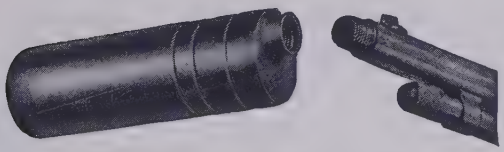
Weight, 7¾ lbs. .....Price, $18.90
Extra magazines, each 1.50

CONDENSED PRICE LIST OF WINCHESTER RIFLES.

MODEL AND STYLE	Carbine Round Barrel	Rifle Octagon Barrel	Rifle Round Barrel	Rifle Half Octagon
Model 1886.				
.33 W. C. F.			$20.00	
.33 W. C. F., "Take Down"			24.00	
.45-70 Extra Light			20.00	
.45-70 Extra Light, "Take Down"			24.00	
All Other Calibres	$15.20	$16.80	15.60	$17.20
All Other Calibres, "Take Down"		21.20	20.00	21.60
Model 1890.				
.22 Calibre, "Take Down"		10.80		
Model 1892.				
All Calibres	11.81	13.16	12.15	13.50
All Calibres, "Take Down"		17.89	16.88	18.23
Model 1894.				
.32-40 and .38-55	11.81	13.16	12.15	13.50
.25-35 and .30 Win.	14.18	16.54	15.53	16.88
.32-40 and .38-55, Extra Light		16.54	15.53	16.88
.25-35 and .30 Win., Extra Light		19.91	18.90	20.25
.32-40 and .38-55, "Take Down"		17.89	16.88	18.23
.32-40 and .38-55, "Take Down" Extra Light		21.26	20.25	21.60
.25-35and.30 Win., "Take Down"		19.91	18.90	20.25
.25-35and.30 Win., "Take Down" Extra Light		23.29	22.28	23.63
.32 Win. Special	14.18	16.54	15.53	16.88
.32 Win. Special, "Take Down"		19.91	18.90	20.25
Model 1895.				
.30 U. S. and .303 British 22 in.	24.00		24.00	
.35 W. C. F. and 1903 U. S. G.			24.00	
.38-72 and 40-72		20.00	18.80	20.40
.405 W. C. F.			24.00	
Model 1902.				
.22 Single Shot			3.50	
Model 1903.				
.22 Automatic, "Take Down"			16.88	
Model 1904.				
Thumb Trigger .22			3.15	
Single Shot .22			5.00	
Model 1905.				
.32 Win. Self-loading			18.90	
.35 Win. Self-loading			18.90	
Model 1907.				
.351 Win. Self-loading			18.90	

Full or half magazines at same price.

MAXIM SILENCERS.



When a rifle equipped with a silencer is fired, the bullet passes through the silencer without the slightest loss in velocity, accuracy or penetration.

The bore of the silencer is much larger than the bullet giving a clearance which avoids any possible effect on accuracy or penetration.

The size and weight of the silencer depend on the calibre and power of the arm. For a .22 calibre the silencer is $4\frac{1}{4}$ inches long and $1\frac{3}{8}$ inches in diameter, weight, $5\frac{1}{2}$ ounces. For a .30-30 rifle, $6\frac{1}{4}$ inches long, diameter $1\frac{3}{8}$ inches, weight, 11 ounces. Silencers for guns of larger calibres are proportionately larger and only slightly heavier.

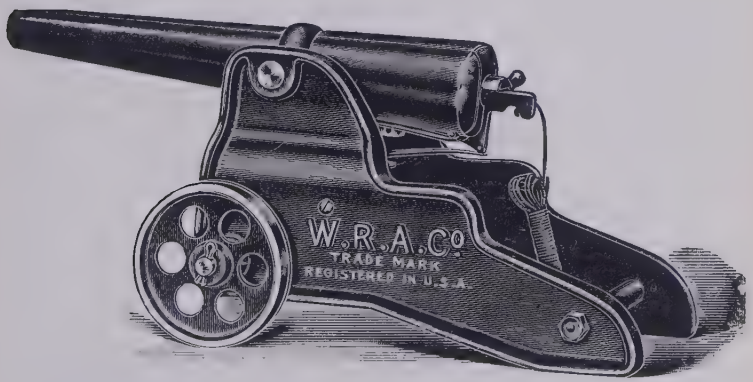
The slight weight of the silencer does not impair the balance and there is no interference with sighting, and the slight extra weight at the muzzle helps in target shooting, as does the reduction in recoil.

The Silencer annuls entirely the report of discharge. Of course, sounds can be heard from the fall of the hammer and the passage through the air of a bullet of high velocity.

For .22 calibre rifles, $5.00. For .25 calibre, $7.00. For .30 to .35 calibre, $8.00. For calibres larger than .35, $10.00. Fitting silencer to rifle, $2.00.

Silencers will not be supplied for revolvers or pistols.

WINCHESTER SALUTING CANNON.



Much better and safer than the usual "toy" cannon. Has 12-inch blue steel barrel, mounted on wheeled iron carriage. Breech-loading and fired with lanyard. Weight, 15 lbs. Price, $6.00.

10 gauge blank shells for same. Per box of 25, 58 cents.

COMPARATIVE TABLE OF WINCHESTERS.

MAKE AND MODEL:	Weight of bullet, Grains	Velocity of bullets, Feet per second	Penetration of bullets in dry pine boards ⅞ inch thick at 15 feet from muzzle			100 Yard Trajectory Height at 50 Yards Inches	200 Yard Trajectory Height at 100 Yards Inches	300 Yard Trajectory Height at 150 Yards Inches
			Plain Lead	Soft Point	Metal Patched			
1890 .22 Win., R. F..	45	1137	7			4.05		
Lee 6 M/M U. S. N..	112	2500		12	60	.76	3.48	9.14
1892 .25-20 W. H. V.	86	1650		10	20	1.85	9.37	
1894 .25-35 W. C. F.	117	1925		11	36	1.32	6.21	16.61
1894 .30 W. C. F....	170	1885		12	35	1.37	6.35	16.93
1894 .32 Win., Spec. Smokeless.....	170	2000		12	37	1.23	5.95	16.25
1894 .32 Win., Spec. Black.....	170	1385	8½			2.72	11.32	28.33
Savage .303.....	180	1840		12	37	1.39	6.53	17.00
1895 .303 British....	215	1960		13	56	1.23	5.52	14.08
1895 .30 U. S. Army.	220	1960		13	58	1.22	5.47	13.55
1895 .30 U. S. Mod. 1903 Rimless.....	220	2250		14	72	.92	4.15	10.49
1892 .32-20 W. H. V.	115	1575		7	17	2.09	10.70	
1894 .32-40.....	165	1385	8½	8½	18	2.72	11.32	28.33
1886 .33 W. C. F....	200	2000		13	39	1.21	5.78	15.51
1895 .35 W. C. F....	250	2150		15	56	1.03	4.73	12.24
1905 .35 Win. Self Loading.....	180	1400		10	18	2.53	12.05	32.58
1907 .351 Win. Self Loading.....	180	1861		13	26			
1892 .38-40 W. H. V.	180	1700		10	20	1.80	9.46	
1894 .38-55.....	255	1285	9½	13½	17	2.97	12.92	31.98
1886 .38-70 Win.....	255	1449	10	12	19	2.58	10.58	27.17
1895 .38-72 Win.....	275	1443	16	15	25	2.24	10.58	27.67
1895 .40-72 Win.,Blk	330	1359	13			2.59	12.21	30.50
1895 .40-72Win.Smo.	300	1386		14	22	2.43	11.63	28.54
1895 .405 W. C. F...	300	2150		13	48	1.04	4.86	12.82
1892 .44 Winchester.	200	1245	9	10	13	3.36	15.27	37.39
1892 .44-40 W. H. V.	200	1500		10	14	2.32	12.12	33.64
1886 .45-70-500 U. S.	500	1179	18	15	20	3.66	14.36	34.36
1886 .45-70-405 U. S.	405	1286	13	12	18	4.12	12.33	29.00
1886 .45-70 W. H. V.	300	1825		13	25	1.47	7.40	19.65
1886 .45-90 Win.....	300	1480	13	15	19	2.44	10.25	27.25
1886 .45-90 W. H. V.	300	1925		14	26	1.41	6.93	17.73
1886 .50-110 Win....	300	1536	11	12½	20	2.53	11.91	33.52
1886 .50-110 W. H.V.	300	2150		14	26	1.07	5.82	17.28
1886 .50-100-450Win.	450	1383	16	14	20	2.85	11.94	30.68

REMINGTON AUTOLOADING REPEATING RIFLE.

Hammerless. Solid Breech. Take-Down.

STANDARD GRADE.

22-inch Special smokeless steel barrel, straight plain walnut stock, rubber butt plate. 5 shots. Weight about 7¾ lbs. Cals. 30-30, 32, 35; Remington Rimless Center fire cartridges. Price, $25.00.

MODEL 1899 SAVAGE HIGH POWER SPORTING RIFLE.

Hammerless, 25-35, 30-30, 303, 32-40, and 38-55 calibres. Shot gun or rifle butt plate. Pistol grip $2.50 extra. Rocky Mountain front and sporting rear sight. Six shot.

Regular style, 26 in. round barrel, weight 7½ lbs.	$18.00
Regular style, 26 in., octagon or ½ octagon barrel, weight 7¾ lbs.,	19.50
Carbine, 20 in., round barrel only, carbine butt plate only, micrometer rear sight, weight 7¼ lbs.	18.00
Saddle gun, 22 in., round barrel only, shot gun butt, weight, 7¼ lbs.	18.00

MODEL 1899 SAVAGE TAKE-DOWN SPORTING RIFLE.

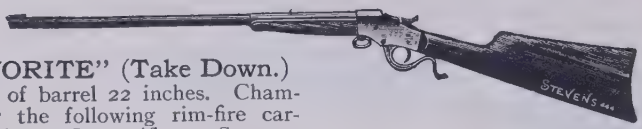
Take-Down, 26 in. round barrel	$21.50
Take-Down, 22 in. round barrel	21.50

MODEL 1899 SAVAGE FEATHER-WEIGHT.

Calibres 25-35, 30-30 and 303 with round barrel only.

With metal bead front and micrometer rear sight	$22.50
With checked stock and fore-end	24.50
Extra for swivel and sling strap attached to Model 1899	1.50

STEVENS RIFLES.

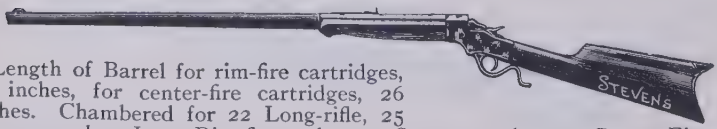


"FAVORITE" (Take Down.)

Length of barrel 22 inches. Chambered for the following rim-fire cartridges only: 22 Long-rifle, 25 Stevens, 32 Long.

No. 17. With Rocky Mountain front and Sporting rear sights.... $5.40
No. 18. With Beach combination front sight, Stevens leaf and Vernier sights..... 7.90
No. 19. With Lyman front, Stevens leaf and Lyman rear peep sights..... 8.40
No. 20. "Favorite". Shotgun, smooth bore, for shot cartridges. Made for .22 and .32 rim-fire shot cartridges only. Weight, $4\frac{1}{4}$ pounds..... 5.65

"IDEAL."

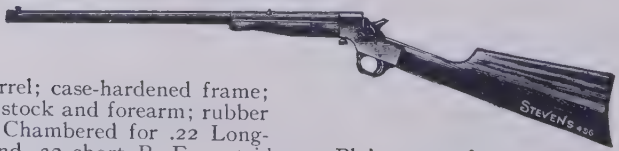


Length of Barrel for rim-fire cartridges, 24 inches, for center-fire cartridges, 26 inches. Chambered for 22 Long-rifle, 25 Stevens and 32 Long Rim-fire and 25-20 Stevens and 32-20 Center-Fire. Weight, 7 to $7\frac{1}{4}$ lbs. Price, either style..... $8.25

"LITTLE KRAG."

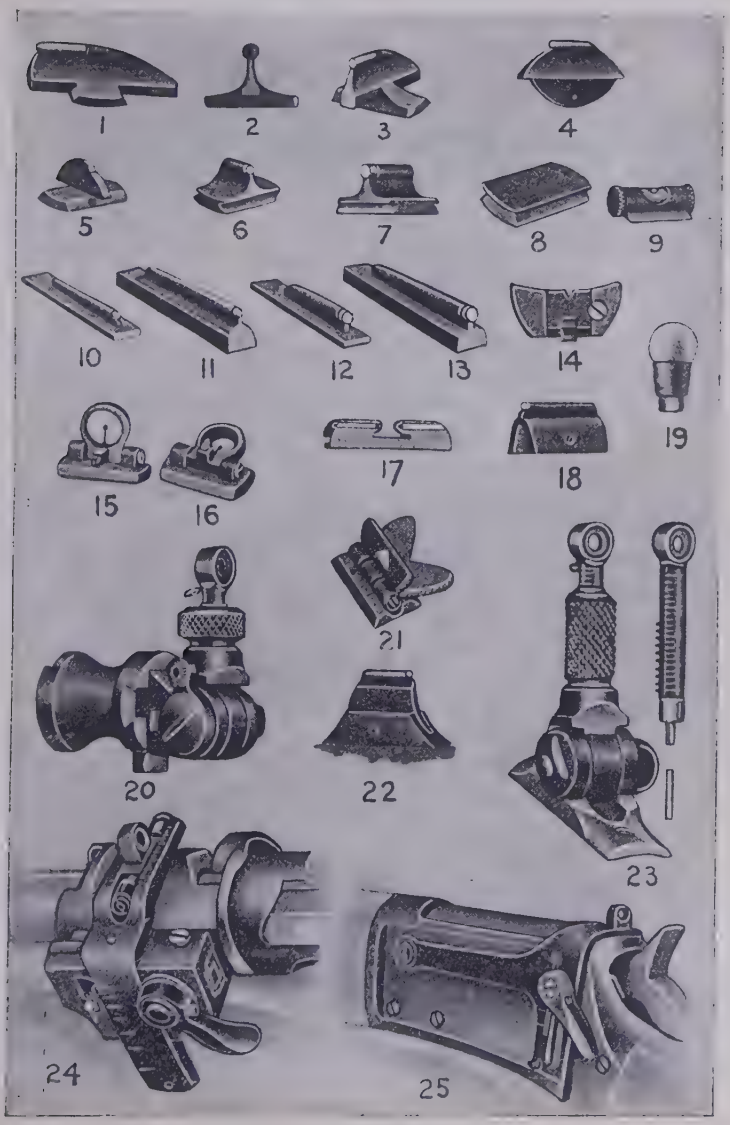
Similar in action to the celebrated "Springfield" Rifle adopted by the United States Government. Has a round 20-inch barrel, walnut stock; rubber butt plate. For .22 Long-rifle R. F. cartridges. Bead front, open rear sights. Weight, $3\frac{1}{4}$ pounds. Price..... $3.75

"CRACK SHOT."



20-inch barrel; case-hardened frame; oiled walnut stock and forearm; rubber butt plate. Chambered for .22 Long-rifle R. F. and .32 short R. F. cartridges. Plain open front and rear sights. Weight, $3\frac{3}{4}$ pounds. .....Price $3.30

No. $16\frac{1}{2}$.—"Crack Shot" Shotgun, smooth bore. Made for .32 shot cartridges only. .....Price $3.30



For Description and Prices see Page 248.

SIGHTS.

See Page 247 for Illustrations.

When ordering, state make of weapon, model and calibre.

Nos. 1, 2, 3.	Sheard Gold Bead Front Sight. For all rifles	$1.50
No. 4.	Lyman Front Revolver Sight	.50
No. 5.	Lyman Ivory Hunting Front Sight	.50
No. 6.	Lyman Ivory Bead Front Sight	.75
No. 7.	Lyman Ivory Bead "Jack" Front Sight	.75
No. 8.	Lyman Rear Sight Slot Blank	.25
No. 9.	Lyman Rear Sight Spirit Level	.75
No. 10.	Lyman "A" Caterpillar Ivory Tipped Front Sight for Mauser and Mannlicher Rifles	.75
No. 11.	Lyman "B" Caterpillar Ivory Tipped Front Sight	.75
No. 12.	Lyman "C" Caterpillar Ivory Tipped Front Sight	.75
No. 13.	Lyman "D" Caterpillar Ivory Tipped Front Sight	.75
No. 14.	Winchester Flat Top Sporting Rear Sight	.75
Nos. 15, 16.	Lyman Combination Ivory Bead and Globe Front Sight	.75
No. 17.	Lyman Revolver Sight for Colt and Smith & Wesson Revolvers Having Rear Sight Slot	.75
No. 18.	Lyman Revolver Sight for Colt Revolvers Having Fixed Front Sights	.75
No. 19.	Lyman Ivory Bead Shotgun Sight	.50
No. 20.	Lyman Combination Rear Sight for Mannlicher-Haenel 9 mm. Rifle	2.25
No. 21.	Lyman Folding Leaf Flat Top and Buck Horn Rear Sight	.75
No. 22.	Lyman Ivory Bead Front Sight for Model 1895 Winchester Rifle	.50
No. 23.	Lyman Combination Rear Sight for All Lever Action Rifles	2.25
No. 24.	Lyman Receiver Sight for Mauser Rifles	5.25
No. 25.	Lyman Receiver Sight for Winchester and Marlin Rifles.	2.65

Special Sights of all kinds furnished at regular prices.

A. H. FOX HAMMERLESS GUNS.

GRADE A.

Genuine Krupp Fluid Steel Barrels; concave matted rib with rotary bolted extension; handsome dark English walnut stock; pistol grip; Deeley & Edge pattern fore-end; hard rubber butt-plate; automatic safety. Perfectly balanced, engraved and finished in every detail.

28, 30, 32-inch barrels, weight, 7 to 8 pounds. .....Price $37.50

GRADE B.

Genuine Krupp Fluid Steel Barrels; concave matted rib with rotary bolted extension; fine selected dark English walnut stock; pistol or straight grip; hard rubber butt-plate; Deeley & Edge pattern fore-end; automatic safety; fine finish and engraving, 28, 30, 32-inch barrels; weight, $6\frac{3}{4}$ to 8 pounds. .....Price $50.00

GRADE C.

Genuine Krupp Fluid Steel Barrels; concave matted rib with rotary bolted extension; fine selected dark English walnut stock; pistol or straight grip; hard rubber butt-plate; Deeley & Edge pattern fore-end; automatic safety; fine finish and engraving.

28, 30, 32-inch barrels; weight, $6\frac{3}{4}$ to 8 pounds. .....Price $70.00

GRADE D.

Genuine Krupp Fluid Steel Barrels; concave matted rib with rotary bolted extension; beautifully figured English walnut stock; straight or pistol grip; Deeley & Edge pattern fore-end; hard rubber or plain checkered butt; automatic safety; 26, 28, 30, 32-inch barrels; weight, $6\frac{1}{4}$ to 8 pounds. Elaborate in design and finish throughout. Signature or monogram of purchaser inlaid in gold on guard. .....Price $140.00

Automatic Ejector for all Models. Extra..... $12.00

PARKER BROS. HAMMERLESS GUNS.

Quality C. H.—Fine Bernard or Titanic steel barrels. Fine imported walnut stock, silver shield, fine checking and engraving, skeleton butt plate, straight or pistol grip; Nos. 10, 12, 14, 16, 20, or 28 gauge..... $112.50

Quality D. H.—Fine Damascus or Titanic steel barrels. Fine imported stock, silver shield, fine checking and engraving, skeleton butt plate, straight or pistol grip; Nos. 10, 12, 14, 16, 20 or 28 gauge..... 75.00

Quality E. H.—Fine Damascus steel barrels. Fine figured American or imported stock, checked and engraved, straight or pistol grip, hard rubber butt plate; No. 10 gauge..... 63.75

Quality G. H.—Fine Damascus steel barrels. Fine figured American or imported stock, checked and engraved, straight or pistol grip, hard rubber butt plate; Nos. 12, 14, 16, 20 or 28 gauge..... 60.00

Quality N. H.—Fine English twist barrels. Fine American stock, checked and engraved, straight or pistol grip, hard rubber butt plate; No. 10 gauge..... 52.50

Quality P. H.—Fine English twist barrels. Fine American stock, checked and engraved, straight or pistol grip, hard rubber butt plate; Nos. 12, 14, 16 or 20 gauge..... 48.75

Quality V. H.—Vulcan steel black barrels. American stock, checked and engraved, straight or pistol grip, hard rubber butt plate; Nos. 12, 16, 20 or 28 gauge..... 37.50

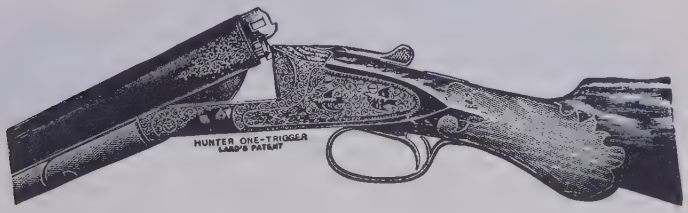
Length of barrels for No. 12 gauge, 28, 30 and 32 ins. Weights, $7\frac{1}{2}$ to 9 lbs. Drops, $2\frac{1}{4}$ to $3\frac{1}{4}$ ins. Length of stock, 14 to $14\frac{1}{4}$ ins.

No other weights, drops, etc., made on this grade without extra charge. Smaller gauges made in all weights.

Weight, 12 bore, 7 to 9 lbs.; 16 and 20 bore, $5\frac{3}{4}$ to $7\frac{1}{2}$ lbs.; 10 bore, $7\frac{3}{4}$ to $10\frac{1}{2}$ lbs. Length of barrels, 28 to 32 ins. "Stocks" (measured from center of front trigger to center of butt plate,) 14 to $14\frac{1}{2}$ inches. We can make shorter or longer barrels and different stocks to special orders and prices, according to extra amount of labor. Send for full catalogue.

L. C. SMITH HAMMERLESS GUNS.

All Smith hammerless guns are made in 12 and 16 gauge. 20 and 10 gauge can be furnished in all grades except the No. 00 grade.



The Hunter one-trigger mechanism may be applied to any Smith hammerless gun, old or new. It is simple in construction, being made with only three parts. With it you can shoot at will all rights, all lefts, right and left or left and right.....extra, $25.00

No. 00. A low priced, reliable gun. New Armor steel barrels, full choke-bored, English walnut stock, half pistol grip, checkered and well finished. A good gun without any extras.....Price, $25.00
No. 00E. Same as above with automatic ejector..... $35.25
No. 0. A well made gun with all improvements to meet the demands of sportsmen for a reliable gun at a low price. Damascus (or London steel to order) barrels, choke bored. English walnut stock, half pistol grip, checkered and well finished. .....Price $35.25
No. 0E. Same as No. 0, but with automatic ejector..... $45.00

No. 1. A thoroughly well made gun with all latest improvements. Damascus (or Special steel to order) barrels, choke bored, line engraving, English walnut stock, half pistol grip, checkered and finished in the best style. .....Price $45.00

No. 1E. Same as No. 1. but with automatic ejector..... $56.25

No. 2. Damascus barrels (or Crown steel in 12 and 16 gauge to order,) imported English walnut stock, checkered and engraved straight half or full pistol grip. .....Price $60.00

No. 2E. Same as No. 2, but with automatic ejector..... $71.25

No. 3. Fine Damascus steel barrels or Nitro steel, fine imported English walnut stock, nicely checkered and engraved, straight half or full pistol grip. .....Price $75.00

No. 3.E Same as No. 3, but with automatic ejector..... $86.25

No. P. A strictly high-grade trap gun. The grip is straight regularly or a pistol grip if specified. Pigeon Nitro steel or Damascus barrels .....Price $93.75

No. PE. Same as No. P, automatic ejector..... $105.00

REMINGTON HAMMERLESS GUNS.

12 gauge, 28, 30 and 32 inches, 7 to 8¾ pounds. 16 gauge, 28 and 30 inches, 6½ to 7 pounds.

No. K. Remington blued steel barrels, choke bored, selected walnut stock, half pistol grip, checkered, rubber butt plate, case-hardened frame and mountings, snap fore-end, flat matted rib, automatic safety and triple-locked action. Price . $25.00

No. KE. With automatic ejector 28.50

No. KD. Similar to above but with Damascus steel barrels. . . . 30.00

No. KED. With automatic ejector 33.50

No. A Two stripe Damascus barrels, English walnut stock, Purdy fore-end, 10, 12 and 16 gauge. Price 35.00

No. AE. Automatic ejector 40.00

No. B. Three stripe Damascus barrels, line engraving, fine English walnut stock, Purdy fore-end. Price 45.00

No. BE. With Automatic ejector 50.00

No. DE. Damascus or ordnance steel barrels, automatic ejector, English walnut stock, finely checkered and engraved, ... 140.00

No. EE. Finest Damascus or ordnance barrels, ejector, English walnut stock, finest engraving and checking. 190.00

No. FE. New model trap gun, blued finish, 12 gauge, 30-in. barrel, Purdy fore-end concave rib, straight stock, automatic safety, triple locked action, automatic ejector. Price. 45.00

No. CEO. 12 Gauge. 30 or 32 in. standard weight 7¾ pounds; 2¼ to 3 in. drop; 14 in. stock; automatic ejector; "Ordnance" steel barrels; Purdy fore-end; concave rib; straight English walnut stock. Price 95.00

Special dimensions furnished only to order.

REMINGTON SINGLE BARREL GUN.

With Automatic Ejector.

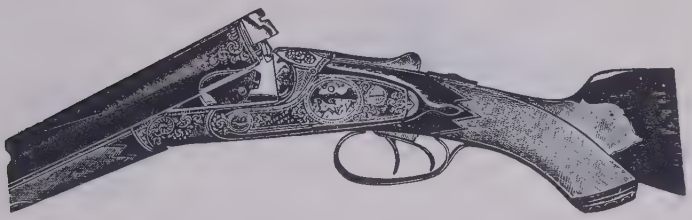
New model, attractive in design and carefully finished. Rolled barrels of special steel, carefully choked. Case-hardened frame and mountings, blued guard. Pistol grip stock of black walnut. Rubber butt plate. Rebounding hammer, side-cocking lever and top snap action. Price all gauges $8.25

No. 912. 12 gauge, 30, 32 and 34 inch barrels, 6 to 6½ lbs.

No. 916. 16 gauge, 30, 32 and 34 inch barrels, 5¾ to 6½ lbs.

No. 920. 20 gauge, 30, 32 and 34 inch barrels, 5¾ to 6½ lbs.

LEFEVER HAMMERLESS GUNS.



The good reputation of the Lefever Gun was established fifty years ago. It is built with a compensated action to take up the wear in every direction. All grades are bored on the taper system, giving great penetration and even distribution of shot.

DURSTON SPECIAL GRADE.

An excellent medium priced gun. Dura Nitro Steel Barrels. Guaranteed to shoot any nitro or black powder and not get loose.

Fitted with same mechanism as higher grades. Made in 12 or 16 gauge, bored for trap, field or brush shooting.

Durston Special.....Price $25.00
With automatic ejector..... 35.00

GRADE "H."

Fitted with the best London twist barrels or with Carman fluid steel barrels. English walnut stock, full or half pistol or straight grip. 16 gauge in Carman steel only.

No. H. Twelve, sixteen or twenty gauge.....Price, $33.00
No. H. E. With automatic shell ejector..... 44.25

GRADE "G."

Damascus or Royal Nitro Steel Barrels, full pistol grip, checkered and handsomely engraved. Full compensating action.

No. G. Ten, twelve, sixteen or twenty gauge.....Price, 42.75
No. G. E. With automatic shell ejector..... 54.00

GRADE "F."

The barrels are Premier Nitro Steel or Damascus, and the stock is fine English walnut checkered and engraved. Full pistol grip. Fitted with the Lefever full compensating action, which takes up all wear.

No. F. Ten, twelve, sixteen or twenty gauge.....Price, $56.00
No. FE. With automatic ejector..... 66.50

GRADE "E."

Damascus or genuine Krupp Essen steel barrels. English walnut stock of fancy figure; finely checkered; straight grip; one-half or full pistol grip with rubber cap. Very handsomely engraved.

No. E. Ten, twelve, sixteen or twenty gauge.....Price, $70.00
No. EE. With automatic ejector..... 80.50

TOBIN HAMMERLESS GUNS.

We are carrying guns made especially for us by the Tobin Arms Company which we highly recommend as the very best guns on the market for the money. Only the very best material is used. Steel drop forgings in frames and all parts of action, and tempered spring steel in hammers, sears, springs and locking bolts. Stocks are made from fine grain, imported walnut. Barrels of Trojan nitro steel in cheaper grades and Krupp fluid steel in better grades, and all parts are interchangeable. Fancy guns carried in stock.

No. 02. Plain finish, case hardened frame, checkered half-pistol grip, imported walnut stock, rubber butt plate, Trojan nitro steel barrels, right barrel modified choke, left barrel choke bored.

12 gauge, weighs 6¾ to 7¾ lbs., with barrels 26 to 32 ins. long.
16 gauge, weighs 6¼ to 7¼ lbs., with barrels 26 to 30 ins. long.
Price $25.00

No. 03. Engraved case hardened frame, engraved blued trimmings, checkered half-pistol grip, figured imported walnut stock, rubber butt plate, Krupp fluid steel barrels, right barrel modified choke, left barrel choke bored.

12 gauge, weighs 6¾ to 7¾ lbs., with barrels 26 to 32 ins. long.
16 gauge, weighs 6¼ to 7¼ lbs., with barrels 26 to 30 ins. long.
Price $37.50

No. 12. Special trap gun; finely finished; frame and trimmings case hardened and finished dull black, with hand line engraving, dark figured fancy imported walnut stock. Straight, half or full pistol grip. Krupp Fluid steel barrels. Right barrel, modified choke; left barrel, choke bore.

12 gauge, weighs 7 to 7¾ lbs., with barrels 28 to 32 ins. 16 gauge weighs 6¼ to 7¼ lbs., with 26 to 30 inch barrels.

This gun will be made to order to suit customers. Price..... $53.50

No. 54. Featherweight Gun; extra fine finish; case hardened frame, fancy hand engraving; engraved blue trimmings; selected imported walnut stock. Half or full pistol grip, rubber butt plate, Krupp Fluid Steel barrels. Right modified choke. Left choke bored. 12 gauge weighs 6¼ to 7¼ lbs., with barrels 26 to 30 ins., long, 16 gauge weighs 6 to 7 lbs., with barrels 26 to 30 ins. long. This grade can be furnished to order, special boring if required.....Price $49.00
Automatic ejector, extra, on any of the above..... 13 50

KNICKERBOCKER HAMMERLESS GUNS.

American Made.

No. 6. Armory Blued Steel Barrels. Frames and action parts drop forged. Locked by heavy round barrel lug bolt and cross bite on extension rib, which make it absolutely impossible to shoot loose. D. & E. fore-end, full capped pistol-grip, choke bored, etc. Finished in good style and fully guaranteed. Made in 12 and 16 gauge; 28, 30 or 32-inch barrels; $7\frac{1}{4}$ to 8 lbs. Price, $18.00.

No. 7. With Genuine Twist Barrels. Made in 12 and 16 gauge; 28, 30 or 32-inch barrels; $7\frac{1}{4}$ to 8 lbs. Price, $20.00.

No. 8. "Krupp Fluid Steel" Barrels. Made in 12 and 16 gauge; 28, 30 or 32-inch barrels; $7\frac{1}{4}$ to 8 lbs. Price, $23.00.

AMERICAN GUN COMPANY.

Hammer Guns. Fitted with Deeley and Edge Fore-End.

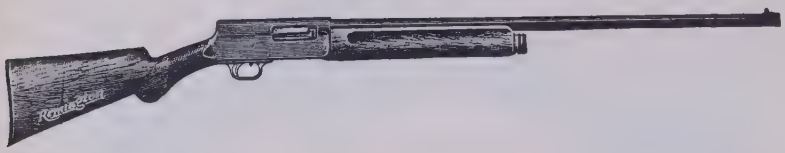
No. 0. 12 and 16 gauge. Has top lever action. Armory Steel Barrels, bar locks, low circular hammers, pistol grip stock, matted extension rib, choke bored, fancy rubber butt plate. Made in 12 and 16 gauge; 28, 30 and 32-inch barrels, $7\frac{1}{2}$ to $8\frac{1}{4}$ lbs. Price, $13.00.

No. 2. 12 and 16 gauge. Has top lever action. Genuine Twist Steel Barrels, bar lock, low circular hammers, full rubber capped pistol grip, matted extension rib, choke bored, fancy rubber butt plate. This gun is equal to any sold at double the price. Made in 12 and 16 gauge; 28, 30 and 32-inch barrels; $7\frac{1}{2}$ to $8\frac{1}{4}$ lbs. Price, $17.00.

No. 3. 12 and 16 gauge. Top lever action, Damascus Barrels, bar locks, low circular hammers, rubber capped pistol grip, matted extension rib, choke bored, fancy rubber butt plate. 12 and 16 gauge; 28, 30 or 32-inch barrels; $7\frac{1}{2}$ to $8\frac{1}{4}$ lbs. Price, $19.00.

REMINGTON AUTOLOADING SHOTGUN.

Take-Down—Five Shots.



NO. 1. "STANDARD" GRADE.

Solid Top Breech. Side Ejection. Pistol grip. Walnut Stock. Blued steel finish. Made in 12 gauge only. 26 or 28-inch barrels. Stocks, 14 or 14⅜ inches. 1⅝-inch drop at comb, 2½ at heel. Barrels full choke unless otherwise ordered. Price, $30.00.

No. 2. "SPECIAL" GRADE.

Same as No. 1 but has selected English walnut stock and fore-end handsomely checked. Price, $39.50.

NO. 3. "TRAP" GRADE.

Same as No. 2 but has straight grip and stock is 14 inches long, 1½ inch drop at comb and 2¼ at heel. 14 to 14¾ stocks to order. Price, $37.50
Extra barrel for any of above guns..... $12.00
Raised matted rib on any of above, extra..... 5.00

REMINGTON REPEATING SHOTGUN.

Take-Down. Hammerless.

"STANDARD" MODEL.

Solid breech. Bottom ejection. Pistol grip; walnut stock. Matted rib on receiver. Blued steel finish. Made in 12 gauge only, 30-inch barrels. Stocks, 13¾ inches long, 1½ inches drop at comb and 2½ at heel. Barrels full choke unless otherwise ordered. Price, $22.75.

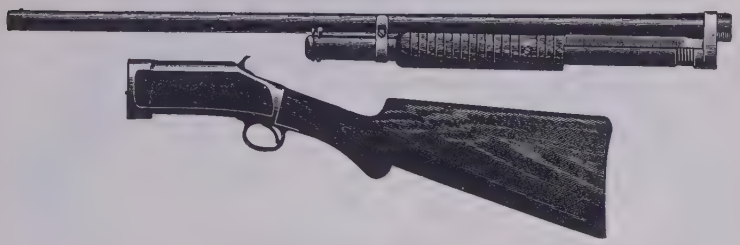
"FIELD" MODEL.

Same as "Standard" but has 26-inch barrels. Price, $22.75.

"TRAP" MODEL.

Same as "Standard" but has selected English walnut stock and fore-end, handsomely checked. Straight or pistol grip. Chambered for 2¾-inch shells. 12 gauge only, 30-inch barrels. Stock 14¼ inches long, 1½-inch drop at comb, 2 inches at heel. Price, $39.50.
"Ordnance" Steel Barrels on "Trap" Grade, extra..... $5.00
Any variation from any of above dimensions, extra..... 10.00

THE WINCHESTER REPEATING SHOTGUN.



Standard stock 13¾ inches long, 1⅝ inches drop at comb, 2½ inches at heel. Stocks furnished if desired 13 inches long, 1¾ inches drop at comb, and 2¾ inches at heel. Any variation from standard charged extra.

Standard Gun, 6 shots, 12 gauge, 30 or 32-inch barrels, plain walnut stock, pistol grip, ribbed forearm; weight, 7¾ lbs.	$20.00
Standard Gun, "Take Down," 12 gauge	21.60
Standard Gun, "Take Down," 16 gauge, 28 in. barrel	21.60
"Brush" Gun, 5 shots, 12 gauge, 26 inch barrel, 13½ inch stock, 2½ inch drop; weight, 7 lbs.	20.00
"Brush" Gun, "Take Down," 6 shot, 12 gauge; weight, 7¼ lbs.	21.60
"Trap" Gun, "Take Down," 6 shots, 12 gauge, 30 inch barrel, selected walnut stock, hand-made, straight grip, checked; fancy walnut forearm finely checked; weight, 7¾ lbs.	41.60

EXTRAS.

Fancy Walnut Stock and Forearm, not checked	10.00
Checking, Stock and Forearm	5.00
Extra Length or Drop of Stock, to order	10.00

MARLIN REPEATING SHOTGUN.

Six shots. Similar in general construction to the Winchester but has solid breech top and is lighter weight. Stocks 13½ inches long, drop 1⅝ at comb, 2½ at heel.

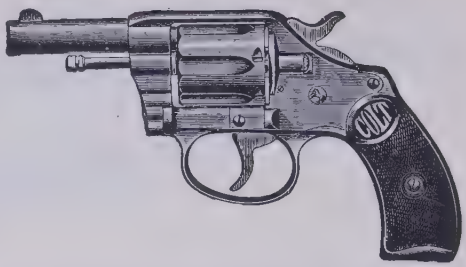
SOLID FRAME PATTERN.

Model 17. 12 gauge, 28, 30 and 32 in. barrel weight about 7⅛ pounds.	$19.00
Model 17B. Brush Gun, cylinder bored, 26 in. barrel, weight about 7 pounds.	19.00

TAKE-DOWN PATTERN.

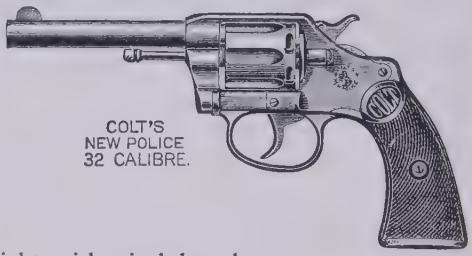
Model 24A. 12 gauge, 26, 28, 30 or 32 inch barrel. Weight, 6¾ to 7¼ pounds,	$21.32
Model 16A. 16 gauge, 26 or 28 inch barrel. Weight, 6⅛ to 6¼ pounds,	21.32
Model 24B. 12 gauge, 26, 28 or 30 inch barrel. Weight, 6⅞ to 7⅛ pounds,	30.00
Model 16B. 16 gauge, 26, or 28 inch barrel. Weight, 6⅛ to 6¼ pounds,	30.00

COLT'S "POCKET POSITIVE" DOUBLE ACTION.



Jointless solid frame. Simultaneous ejection, using .32 long and short Colt. .32 S. & W. short and long cartridges. Six shots, $2\frac{1}{2}$, $3\frac{1}{2}$—6 in. barrels. Finish, blued or nickel plate. Weight, with $2\frac{1}{2}$ in. barrel, 16 ozs. Price, $13.00.

COLT'S "POLICE POSITIVE" DOUBLE ACTION.



Adopted by police departments of principal cities of United States and Canada.

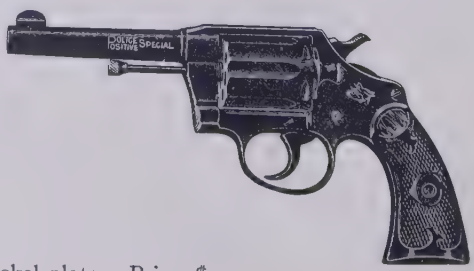
For either of following cartridges: 32 Long Colt, 32 Colt New Police, 38 Colt New Police.

Six shots. Length of barrel: Cal 32—$2\frac{1}{2}$, 4 and 6 inches; cal. 38, 4 and 6 inches. Finish, blued or nickel plate. Weight, with 4-inch barrel, 20 oz. Price, $14.00.

"POLICE POSITIVE" DOUBLE ACTION TARGET.

Same style and finish as Police Positive Revolver. 32 calibre, adjustable rear sight, removable front sight, light, smooth pull, 6-inch barrel. Blued finish only. Chambered for 32 long Colt or 32 New Police. Weight, 19 oz. Price, $15.50.

"POLICE POSITIVE" SPECIAL DOUBLE ACTION REVOLVER.



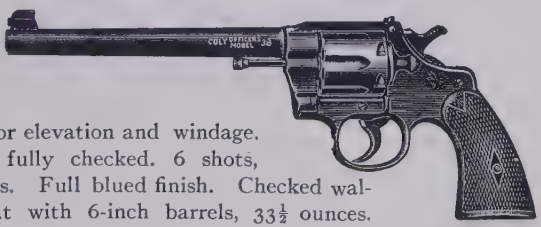
The lightest, smallest, and most compact revolver ever produced in these large calibres.

For following cartridges: 32-20, rifle cartridge; 38 Colt (using in same arm, 38 short and long Colt, 38 S. & W. Sp.) 6 shots. Length of barrels, 4 and 6 inches. Weight with 4-inch barrel, 22 oz. Finish, blued or nickel plate. Price, $14.00.

COLT "ARMY SPECIAL" DOUBLE ACTION REVOLVER.

Contains the latest Colt improvements including cylinder revolving to the right, insuring lightness and perfect alignment. For following cartridges: 32-20 rifle cartridge, 38 (using 38 short or long Colt and 38 S. & W. Special,) 41 short and long Colt. 6 shots. Length of barrels, 4½ and 6 inches. Finish, blued or nickel plate. Weight, with 4½-inch barrel, 34 ounces. Price . . . $15.50

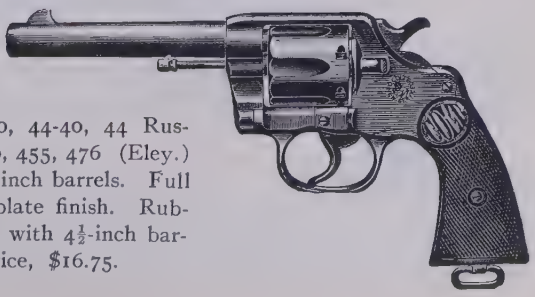
"OFFICERS MODEL" DOUBLE ACTION TARGET.



Chambered for 38 Long Colt, 38 S. & W. Special. Front and rear sights adjustable for elevation and windage. Strap and trigger fully checked. 6 shots, 6 and 7½-inch barrels. Full blued finish. Checked walnut stocks. Weight with 6-inch barrels, 33½ ounces.

Price $18.50

COLT "NEW SERVICE" DOUBLE ACTION REVOLVER.

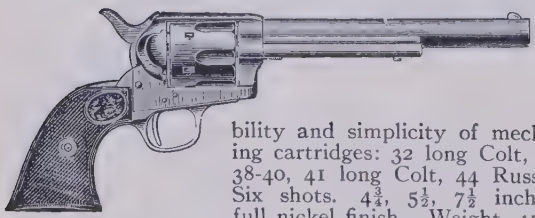


A heavy, strong, serviceable arm made in large calibres. For following cartridges: 38-40, 44-40, 44 Russian, 45 Colt, 450, 455, 476 (Eley.) 6 shots. 4½, 5½, 7½-inch barrels. Full blued or full nickel plate finish. Rubber stocks. Weight, with 4½-inch barrels, 39 ounces. Price, $16.75.

COLT "NEW SERVICE" DOUBLE ACTION TARGET REVOLVER.

For following cartridges: 44 Russian, 45 Colt, 455 Ely. Guard, straps and trigger finely checked. Front and rear sight adjustable for elevation and windage, respectively. Six shots. $7\frac{1}{2}$-inch barrel only. Full blued finish only. Checked walnut stocks. Weight, 42 ounces.
Price $27.00

SINGLE ACTION ARMY.



This model has been in actual service over half a century and is noted for its reliability, durability and simplicity of mechanism. For following cartridges: 32 long Colt, 32-20, 38 long Colt, 38-40, 41 long Colt, 44 Russian, 44-40, 45 Colt. Six shots. $4\frac{3}{4}$, $5\frac{1}{2}$, $7\frac{1}{2}$ inch barrels. Blued or full nickel finish. Weight, 45 cal., $4\frac{3}{4}$-inch barrel, 37 ounces. ..... Price $15.50

BISLEY MODEL SINGLE ACTION REVOLVER.

Chambered for same cartridges as the Single Action Army, with same finish and length of barrels, but with longer grip, low hammer, and lighter and smoother pull. Weight, with $4\frac{3}{4}$-inch barrel, 38 ounces.
Price $15.50

COLT AUTOMATIC PISTOLS.

25 Cal.

32 Cal.

This pistol is automatic—the only manipulation necessary is to pull the trigger and can be fired at the rate of five shots per second. After magazine is inserted, the movable sleeve covering the barrel is drawn back by hand, which throws the first cartridge into the chamber. This is only necessary for the first shot. When the pistol is fired the recoil is utilized to eject the empty shell, throw a new cartridge into the chamber and cock the arm. As the moving parts all work laterally in the line of fire, great accuracy is possible. Has a positive safety locking device and a safety release in the handle, making it impossible to discharge the weapon accidentally. It is hammerless and there are no projections to catch in the clothing, and its flat shape makes it an ideal pocket weapon.

25 Cal. Hammerless. 2-inch barrel. Length over all, $4\frac{1}{2}$ inches.
6 shots. Blued finish only. Weight, 13 ounces. ....Price $12.00

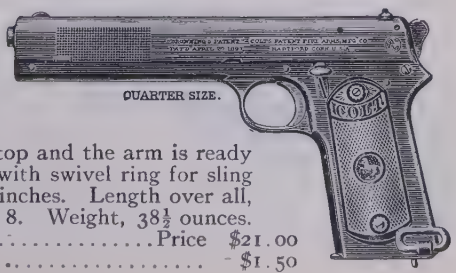
32 Cal. Hammerless. $3\frac{3}{4}$-inch barrel. Length over all,
$6\frac{3}{4}$ inches. 8 shots. Blued finish. Weight, 23 ounces. $15.00

Extra magazines for above models. Each..... $1.00

380 Hammerless. $3\frac{3}{4}$-inch barrel. Length over all, $6\frac{3}{4}$ inches.
7 shots. Blued finish only. Weight, 23 ounces. $17.50

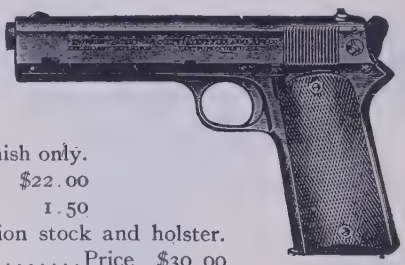
38 Cal. Pocket Model. $4\frac{1}{2}$-inch barrel. Length over all,
$7\frac{1}{2}$ inches. 7 shots. Blued finish only. Weight, 32 ounces. $20.00
Extra magazines for 38 and 380 calibres..... $1.50

MILITARY MODEL.



In this model the slide remains open after last shot, to indicate an empty magazine. To reload the arm insert a loaded magazine, press down the slide stop and the arm is ready to be fired. Handle fitted with swivel ring for sling strap. Length of barrel, 6 inches. Length over all, 9 inches. Number of shots, 8. Weight, $38\frac{1}{2}$ ounces.
Blued finish only. .....Price $21.00
Extra magazines. Each..... $1.50

COLT .45 CAL. MILITARY AUTOMATIC.

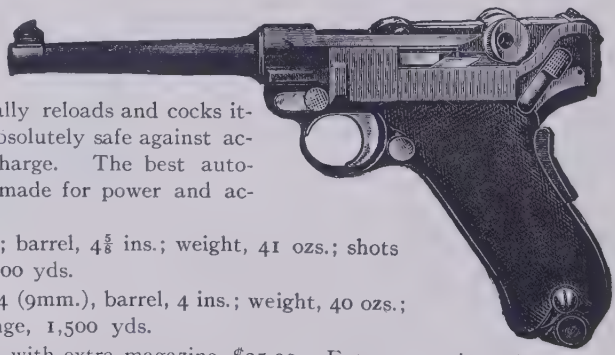


45 Cal. Military Model. Automatic. Same as 38 Cal. Military. Without swivel for sling strap.

45 Cal. 5-inch. Length over all, 8 inches. 7 shots. Blued finish only. Weight, 33½ oz. Price..... $22.00
Extra magazine..... 1.50

45 Cal. Auto., with combination stock and holster. Weight, 21 oz. .....Price $30.00

THE LUGER AUTOMATIC PISTOL.



Automatically reloads and cocks itself and is absolutely safe against accidental discharge. The best automatic pistol made for power and accuracy.

Calibre .30; barrel, 4⅝ ins.; weight, 41 ozs.; shots 8.; range, 2,000 yds.

Calibre .354 (9mm.), barrel, 4 ins.; weight, 40 ozs.; shots, 8; range, 1,500 yds.

Either size, with extra magazine, $25.00. Extra magazines, $1.50

LUGER AUTOMATIC CARBINE.

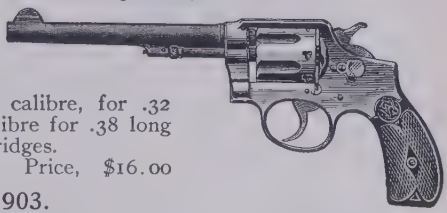
Luger Carbine; Cal. 7.65 m/m only; with detachable stock; 11¾ in. barrel; length over all, 29¼ in.; weight complete, 4 lbs. 1 oz.; range, 2,000 yds.; sighted to 330 yds. Price, $45.00

REMINGTON DOUBLE DERRINGER.

An old-time favorite for a large calibre pocket weapon.

Two shots. 41 Cal. rim fire. Nickel or blued finish. Rubber grip. Price..... $5.00

SMITH & WESSON REVOLVERS.
MILITARY AND POLICE.
Model 1902, Hand Ejector, 6 Shot.



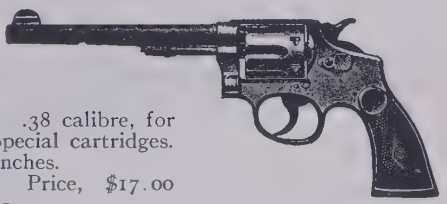
Double action, solid frame, swing-out cylinder. Length of barrels, 4, 5 or 6½ inch. Blue or nickel finish. Rubber stocks. .32 calibre, for .32 W. C. F. cartridges. 38 calibre for .38 long Colt or S. & W. Special cartridges.

Price, $16.00

MODEL 1903.

Similar to Model 1902 but chambered for .32 S. & W. long C. F. cartridges. Blue or nickel finish. Rubber stocks. Length of barrels, 3¼, 4¼ or 6 inch. Price, $14.00.

Model 1905.



Same as Model 1902 but shape of grip is different and is fitted with finely checked stocks. Blue or nickel finish. .32 calibre for .32 W. C. F. cartridges. .38 calibre, for .38 long Colt or S. & W. Special cartridges. Length of barrels, 4, 5 or 6½ inches.

Price, $17.00

Model 1908.

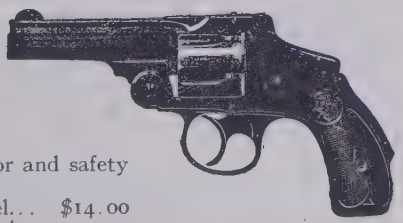
Made on same pattern as Model 1905. Blue or nickel finish. .44 calibre for .44 S. & W. Special or .44 S. & W. Russian cartridges. Length of barrels, 4, 5 ,6½ or 7½ inches. Price, $21.00.

With target sights, $22.50.

Model 1909.

Frame and trigger guard in one piece. Barrel and sight in one. New locking device. Spiral springs. Safety rebounding block. Automatic extraction. Chambered for .38 S. & W. cartridges. 3¼ or 4 inch barrels, nickel or blue finish. Price, $14.00.

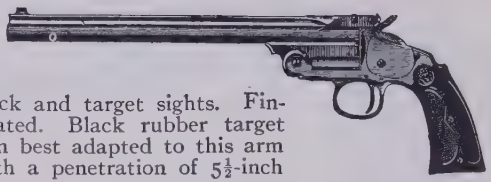
HAMMERLESS SAFETY REVOLVER.



This revolver, intended for pocket use, is so constructed that no external force can affect it, and the hammer cannot be operated except at the instant of deliberate firing. Made in blued or nickel finish, with automatic shell extractor and safety attachment.

.32 calibre, 2 , 3, 3½ or 6 in. barrel... $14.00
.38 calibre, 3¼, 4, 5 , or 6 in. barrel.. 15.00

SMITH & WESSON SINGLE SHOT PISTOL.



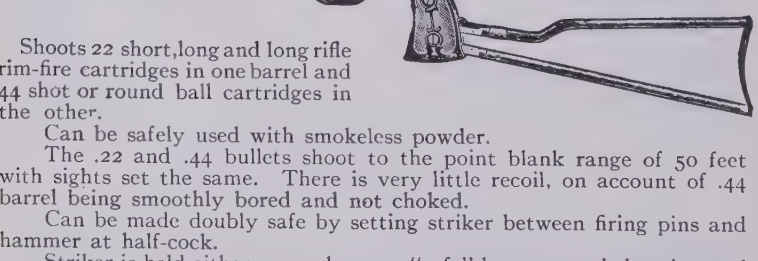
This excellent arm for small game is made with automatic shell extractor, rebounding lock and target sights. Finished blue or nickle-plated. Black rubber target stocks. The ammunition best adapted to this arm is the .22 long rifle, with a penetration of $5\frac{1}{2}$-inch pine boards.

This pistol is also bored to take the regular Smith & Wesson .32-10-88 and .38-15-146 cartridges. Gallery charges in same shell, .32-4-46 and .38-4-70.

Length of barrels and weights—.22 calibre, 6-inch, 1 pound $4\frac{3}{4}$ ounces; 8-in., 1 pound $6\frac{1}{2}$ ounces: 10-in., 1 pound $8\frac{3}{4}$ ounces. .32 and .38 calibre barrels are 2 to 4 ounces lighter.

Price, either calibre or length of barrel $15.00

MARBLE'S "GAME GETTER" GUN.



Double Barrel, Single Trigger.

Shoots 22 short, long and long rifle rim-fire cartridges in one barrel and 44 shot or round ball cartridges in the other.

Can be safely used with smokeless powder.

The .22 and .44 bullets shoot to the point blank range of 50 feet with sights set the same. There is very little recoil, on account of .44 barrel being smoothly bored and not choked.

Can be made doubly safe by setting striker between firing pins and hammer at half-cock.

Striker is held either up or down or "safe" by a concealed spring and plunger, but is easily moved with finger. Can never work loose or drop down. Gun is opened by pulling backward on front of trigger guard. Cannot be "broke" accidentally.

The drop desired can be obtained by turning the knurled sleeve on upper tube of stock.

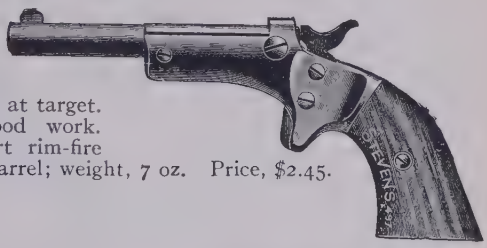
Stock locks at any position fixed by drop adjuster. It is unlocked by loosening knurled sleeve and pushing up on bottom in front of grips.

Barrels—Round, Blued, 12 inches long. Frame—Drop-forged, Blued. Grips—Rubber. Stock—Steel tubing, Nickeled. Weight—About 35 oz.

No. A—With Flexible Rear, Lock Leaf and Ivory Sights $18.00
No. B—As above, without Rear Sight but with blank 15.00

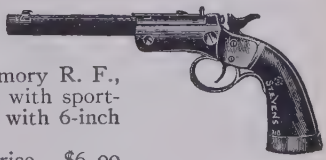
Price includes leather holster with shoulder strap.

STEVENS "TIP-UP" PISTOLS.



Full nickel plated, well made and well rifled. Just the thing to "start" races or shoot at target. It is rifled to do good work. Chambered for 22 short rim-fire cartridge, with 3½-inch barrel; weight, 7 oz. Price, $2.45.

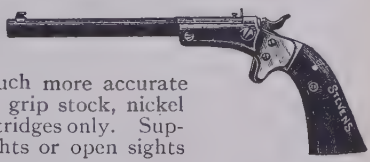
STEVENS "OFF-HAND" TARGET PISTOL.



Has round barrel with octagon breech; nickel plated frame; single shot, single trigger; walnut stock. For 22 long rifle R. F., .22 Stevens-Pope Armory R. F., .25 Stevens R. F. cartridges. Equipped with sporting rear and bead front sights. Weight with 6-inch barrel, 1 lb, 6 oz.

With 6-in. barrel.....Price, $6.00
With 8-in. barrel..... 6.80
With 10-in. barrel..... 7.60

STEVENS "DIAMOND" TARGET PISTOLS.



The accuracy of the Diamond pistol even up to 50 yards and beyond is simply wonderful. A single shot pistol of this type is much more accurate than a revolver. Blued barrel, long grip stock, nickel plated frame for 22 long rifle R. F. cartridges only. Supplied with either globe and peep sights or open sights at same price.

With 10-in. barrel..... $6.05
With 10-in. barrel and detachable skeleton rest 7.00

STEVENS NEW MODEL POCKET RIFLE.

This rifle has combination globe front and rear folding peep sights with detachable skeleton stock.

It is adapted for 22 long rifle, 25 rim Stevens and 32 calibre long rim fire cartridges and 22 7-45 rim-fire will be made to order at $2.00 extra. Weight, 2 to 2½ pounds.

With 10-in. barrel..... $7.40 With 15-in. barrel..... $9.00
With 12-in. barrel..... 8.00 With 18-in. barrel..... 10.00
With Beach comb, front, open rear and Vernier peep sights, extra 1.80

HARRINGTON & RICHARDSON REVOLVERS.

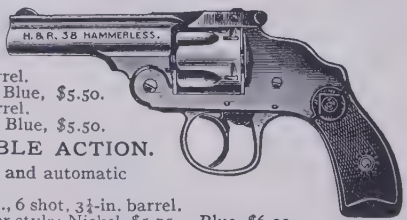
PREMIER AUTOMATIC DOUBLE ACTION.

By opening the revolver in the usual manner, the shells are ejected automatically. 22 cal., 7 shot, R. F. 2 or 3-in. barrel.
Nickel, $5.00 Blue, $5.50
32 cal., 5 shot, C. F. 2 or 3-in., barrel.
Nickel, $5.00 Blue, $5.50

H. & R. AUTOMATIC DOUBLE ACTION.

Similar to the Premier but with a heavier and larger frame for S. & W. C. F. cartridges. 32 calibre, 6 shot, 3½-in. barrel.
Nickel, $5.00 Blue, $5.50
38 calibre, 5 shot, 3¼-in. barrel.
Nickel, $5.00 Blue, $5.50

POLICE PREMIER AUTOMATIC DOUBLE ACTION SEMI-HAMMERLESS



Can be drawn from the pocket without catching in the clothes and thumb-cocked by pulling the trigger until hammer catches on half-cock notch. Same general construction as above.
22 calibre, R. F., 7 shot, 3-in. barrel.
Nickel, $5.00. Blue, $5.50.
32 calibre, C. F., 5 shot, 3-in., barrel.
Nickel, $5.00. Blue, $5.50.

H. & R. HAMMERLESS DOUBLE ACTION.

Made with independent cylinder stop and automatic shell ejector for central fire cartridges.
32 cal., 5 shot, 2 or 3-in. barrel. 32 cal., 6 shot, 3¼-in. barrel.
38 cal., 5 shot, 3½-in. barrel. Price, either style; Nickel, $5.75. Blue, $6.00.

IVER JOHNSON REVOLVERS.

AUTOMATIC DOUBLE ACTION SAFETY REVOLVERS.

In order to explode the cartridge, the finger must be on the trigger at the point of firing.
22 cal., 7 shot, Rim fire, 3-in. barrel. Nickel, $5.00. Blue, $5.50.
32 cal., 5 shot, Central Fire, 2 or 3-in. barrel. Nickel, $5.00. Blue, $5.50.
38 cal., 5 shot, Central Fire. 3¼-in. barrel. Nickel, $5.00. Blue, $5.50.

SAFETY HAMMERLESS AUTOMATIC DOUBLE ACTION.

It has fewer parts than any of its kind; quick and effective cylinder catch; automatic shell ejector, and new safety catch on trigger.
32 Cal., Central Fire, 2 or 3-in barrel. Nickel $5.75. Blue, $6.00.
38 Cal., Central Fire, 3¼-in. barrel. Nickel, $5.75. Blue, $6.00.

NET PRICE LIST METALLIC PISTOL AND RIFLE CARTRIDGES.

Rim Fire Black Powder	No. Box	Price Box	Rim Fire Smokeless	No. Box	Price Box
.22 B. B. Caps, Round Ball	100	17	.22 B. B. Caps, Round Ball	100	17
.22 L.C.B.Caps, Conical Ball	100	21	.22 L. C. B. Caps, Conical Ball	100	21
.22 Short	50	15	.22 Short	50	15
.22 Long	50	20	.22 Short, Hollow Point	50	20
.22 Long Rifle	50	20	.22 Long	50	25
.22 Extra Long	100	50	.22 Long, Hollow Point	50	25
.22 Winchester	50	25	.22 Long Rifle, Greaseless Bullets	50	25
.25 Short, Stevens	50	30	.22 Winchester	50	30
.25 Stevens	50	40	.22 Winchester, Automatic	50	30
.32 Short	50	30	.32 Short	50	35
.32 Long	50	35			
.38 Short	50	45			
.38 Long	50	50			

Centre Fire Black Powder	No. Box	Price Box	Centre Fire Smokeless	No. Box	Price Box
.22 Extra Long	50	55	.22 Winchester, Single Shot	50	70
.25-20 Win. Model, 1892	50	70	.25-20 W. Model '92 W. H. V.	50	90
.25-20 Marlin	50	70	.25-20 Winchester, Model '02	50	80
.32 Smith & Wesson	50	45	.25-20 W. & S., Single Shot	50	90
.32 Colt	50	50	*.30 Mauser, Automatic	50	1.10
.32 Colt, New Police	50	50	*.30 Luger, Automatic	50	1.33
.32 Short	50	45	*9 m/m Luger, Automatic	50	1.33
.32 Long	50	50	.32 Colt, Automatic	50	75
.32 Extra Long	50	70	.32 Smith & Wesson	50	50
.32 Winchester	50	70	.32 Smith & Wesson, Long	50	60
.32-20 Marlin	50	70	.32 Colt	50	50
.38 Smith & Wesson	50	60	.32 Colt, New Police	50	55
.38 S. & W. Special	50	70	.32 Long	50	55
.38 Short	50	60	*.32 Winchester	50	85
.38 Long, Colts D. A	50	60	.32-20 Model '92, W. H. V.	50	90
.38 Extra Long	50	90	.38 Short	50	65
.38 Winchester	50	80	.38 Colt, Automatic	50	1.10
.41 Short, Colt, D. A	50	65	.38 Smith & Wesson	50	65
.41 Long, Colt, D. A	50	75	.38 Smith & Wesson, Special	50	75
.44 Bull Dog	50	60	*.38 Winchester	50	1.00
.44 Webley	50	70	.38-40 Model 1892, W. H. V.	50	1.10
.44 Colt	50	80	.38 Long Colt	50	70
.44 S. & W. American	50	80	.38 Long Colt, Gallery	50	65
.44 S. & W. Russian	50	85	.41 Long Colt	50	85
.44 Winchester	50	80	.44 S. & W. Russian	50	90
.44 Long	50	120	.44 S. & W. Russian, Gallery	50	85
.45 Webley	50	85	*.44 Winchester & Marlin	50	1.00
.45 Colt, Army D. A	50	90	.44-40 Model 1892, W. H. V.	50	1.10
.45 Smith & Wesson	50	105	.45 Colt	50	1.00
			.45 Colt, Automatic	50	1.25

Cartridges marked * have full metal patched or soft point bullets.

CENTRE FIRE CARTRIDGES.

Military and Sporting.

BLACK POWDER Calibre	Number in Box	Price per Box	SMOKELESS Calibre	Number in Box	Price per Box
.25-21 Stevens	20	$0.50	6M/M U. S. Navy	20	$0.90
.25-25 Stevens	25	.50	6.7 M/M Schoenauer Imported	10	.60
.25-36 Marlin	20	.51	7 M/M Mauser	20	.90
.28-30 Stevens	20	.47	8 M/M Mauser	20	.90
.30-30 Win & Marlin	20	.55	8 M/M Mannlicher	20	.90
.32-40 Metal Patch	20	.50	8 M/M Mannlicher, Imported	25	1.25
.38-55	20	.60	9 M/M Mannlicher	20	.95
.38-56 Winchester	20	.60	9 M/M Mannlicher, Imported	25	1.40
.38-70 Winchester	20	.60	9 M/M Schoenauer, Imported	10	.60
.38 Express	20	.90	11 M/M Mauser, Imported	10	.80
.38-72 Winchester	20	.60	.25-25 Stevens	25	.60
.40-50 Patched	20	.60	.25-35 Winchester & Savage	20	.60
.40-60 Winchester	20	.60	.30-30 Win. Marlin & Savage	20	.70
.40-65 Winchester	20	.65	.30-30 Remington, Autoloading	20	.70
.40-70 Patched	20	.70	.303 Savage	20	.70
.40-70 Winchester	20	.65	.303 British	20	.90
.40-72 Winchester	20	.60	.30 U. S. Army	20	.90
.40-60 Marlin	20	.60	.30 U. S. G., Mod., 1903, Rimless	20	.95
.40-70 Ballard	20	.65	.32 Winchester, Special	20	.70
.40-82 Winchester	20	.65	.32 Remington, Autoloading	20	.70
.40-75 Winchester	20	.70	.32 Win., Self-loading	50	1.25
.40-85 Ballard	20	.90	.32-40 Metal patch	20	.60
.44-60 Patched	20	.65	.33 Winchester, Soft Point	20	.90
.45-70-405 Gov	20	.65	.35 Winchester, Soft Point	20	.95
.45-70-500 Gov	20	.70	.35 Winchester, Self-loading	50	1.25
.45-70 Gould	20	.65	.35 Remington, Automatic	20	.80
.45-70-350	20	.65	.351 Winchester, Self-loading	20	1.45
.45-60 Winchester	20	.60	.38-55	20	.75
.45-75 Winchester	20	.65	.38-55 W. H. V.	20	.85
.45-90 Winchester	20	.65	.38-72 Winchester, Metal Patch	20	.80
.45-85 Win. Hollow	20	.70	.40-72 Winchester, Metal Patch	20	.80
.45-82 Winchester	20	.60	.40-82 Winchester, Metal Patch	20	.80
.45-85 Winchester	20	.65	.405 Winchester, Soft Point	20	1.10
.45 Express	20	1.20	.45-70 W. H. V., Soft Point	20	.80
.45-85 Marlin	20	.60	.45-70-405 Gov't Metal Patch	20	.80
.50 Win. Ex. So	20	.75	.45-70-500 Gov't Metal Patch	20	.80
.50 Win. Ex. Hollow	20	.75	.45-90 Winchester, Metal Patch	20	.80
.50-110 Winchester	20	.85	.45-90 W. H. V., Soft Point	20	.80
.50-100-450 Win	20	.85	.50-110 Win. Hollow Point	20	.95
			.50-110 W. H. V., Soft Point	20	.95
			.50-100-450 Win. Metal Patch	20	.95

HOXIEIZED CARTRIDGES.

Hoxie Bullets are applied to any standard cartridges without disturbing the original load. They have an impact ball and small air chamber inserted in the point, making the expansion positive. They are quite different from the usual "soft-nosed" or mush-rooming type of bullet.

The ball acts as a wedge with scientific accuracy and compels the metal jacket to expand the instant it strikes a soft tissue. It tears a large wound, which is sufficient to bring down the game by blood loss alone.

With a Hoxie Bullet you can use a high velocity, small calibre bullet, with a light rifle to carry.

SPORTING AND MILITARY CENTRAL-FIRE CARTRIDGES WITH HOXIE BULLETS.

SMOKELESS POWDER, SOFT POINT.

Calibre.	Packed 10 in a Box.	Price per Box.
25/35	Winch., Savage	$ .60
25/36	Marlin	.60
7/m/m	Mauser	.90
7/65	Mauser	.90
8-m/m	Mauser	.90
30/30	Win., Mar., Sav	.70
30/30	Rem. Rimless	.70
303	Savage	.70
303	British	.90
30/40	U. S. Army	.90
30	Gov't Model 1903 Rimless	1.00
32	Winch. Special	.70
32	Winchester S. L.	.50
32/40	High Velocity	.70
33	Winchester	.90
35	Winchester	1.00
35	Winchester S. L.	.50
35	Winchester S. L.	.60
35	Rem. Rimless	.80
38/55	High Velocity	.80
38/56	Winchester	.70
40/65	Winchester	.70
40/72	Winchester	.80
40/82	Winchester	.80
405	Winchester	1.10
45/70	High Velocity	.80
45/70	Winchester	$ .80
45/90	Winchester	.80
45/90	Winchester H. V.	.85
50/110	Winchester H. V.	1.00
50/110	Winchester	1.00

PISTOL AND RIFLE CENTRAL-FIRE CARTRIDGES WITH HOXIE BULLETS.

SMOKELESS POWDER, SOFT POINT.

Calibre.	Packed 25 in a Box.	Price per Box.
25/20	High Velocity	
	Marlin or Win.	$ .95
30	Luger	1.15
30	Mauser Pistol	1.15
32/20	High Velocity	.95
38	S. & W. Special	.85
38/40		1.10
38/40	High Velocity	1.20
44/40		1.10
44/40	High Velocity	1.20
	RIM FIRE	
22	Win. Automatic	.70

The Hoxie Ammunition Company guarantees that the efficiency and accuracy of the original cartridge is in no way impaired by the substitution of the Hoxie Bullet.

SHOT CARTRIDGES—PISTOL AND RIFLE SIZES.

RIM FIRE	Size of Shot	No. in Box	Price per Box
.22 B. B. Caps	12	100	.40
.22 Long	12	50	.30
.32 Long	10	50	.60
.32 Extra Long	10	50	.75
.38 Short	10	50	.75
.38 Long	10	50	.85
.44 Long	8	50	.95
CENTRE FIRE.			
.32 Smith & Wesson	10	50	.45
.32 Short, Colts	10	50	.45
.32 Long, Colts	10	50	.50
.32 Winchester, Marlin and Colts, L. M. R.	10	50	.60
.38 Smith & Wesson	10	50	.55
.38 Short, Colts	10	50	.55
.38 Long, Colts	10	50	.60
.38 Extra Long	10	50	1.00
.38 Winchester, Marlin and Colts, L. M. R.	10	50	.70
.41 Long, Colts	10	50	.70
.44 Webley	8	50	.70
.44 Smith & Wesson, Russian	8	50	.85
.44 Smith & Wesson, American	8	50	.75
.44 Winchester, Marlin and Colt, L. M. R.	8	50	.70
.44 X. L.	8	50	.75
.45 Colt	8	50	1.00
.45 Smith & Wesson	8	50	1.00
.50 Pistol	5	50	1.25
MILITARY AND SPORTING SIZES. CENTRE FIRE.			
.32-40 Winchester and Marlin	7	20	.60
.38-56 Winchester and Marlin	7	20	.65
.38-55 Winchester and Marlin	7	20	.65
.40-65 Winchester and Marlin	7	20	.65
.40-82 Winchester and Marlin	7	20	.65
.45-75 Winchester	7	20	.65
.45-90 Winchester	7	20	.65
.45-70 Government	5	20	.65
.50-50 Government Carbine	5	20	.65
.50-70 Government	5	20	.70
.50-95 Winchester	5	20	.65
.50-110 Winchester	5	20	.70

RELOADING SMOKELESS POWDER CARTRIDGES.

These charges have been determined by exhaustive tests and experiments. *We do not, however, advise the loading or reloading, by individuals, of rifle and pistol cartridges with Smokeless or Black Powder*, for the reason that experience shows that satisfactory results cannot be thus obtained; and, therefore, *we cannot guarantee rifles when hand loaded or reloaded Smokeless or Black Powder cartridges are used.*

Powder makers' instructions *should be followed carefully*, and the powder charges *weighed* accurately.

RIFLE CARTRIDGES.

	No. 2 Du Pont grains	30 Cal. Du Pont, grains	Laflin & Rand Sporting, grains	Laflin & Rand Sharpshooter, grains	Laflin & Rand Lightning No. 2, grs		No. 2 Du Pont, grains	30 Cal. Du Pont grains	Laflin & Rand Sporting, grains	Laflin & Rand Sharpshooter, grs.	Laflin & Rand Lightning No. 2 grs
25-20 W. C. F..			6	3		33 W. C. F.....					29
25-20 Marlin...			6	3		38-55			17	13	
25-20 Single Shot			6	3		38-55 S. Range.	10				
32 W. C. F.....	7		7	5		38-56 W.C.F...			17	14	
32 Marlin Safety	7		7	5		38-70 W.C.F...			21	18	
38 W. C. F.....	13		14	11		38-72 W.C.F...			21		
38 Marlin Safety	13		14	11		40-65 W.C.F...			20	17	
44 W. C. F	15		17	13		40-70 W.C.F...			21	17	
44 Marlin Safety	15		17	13		40-72 W.C.F...			22		
25-35 W. C. F..		21			17	40-82 W.C.F...			23	20	
30 W. C. F.....		29				45-90 W.C.F...			27	22	
30 W.C.F.S.R'g	9					45-90 W.H.V...				33	
303 Savage.....		28				45-70 Model '86			23	20	
30 Army.....		34				45-70 W.H.V...				30	
30 Army, S.R'ge	11					45-70-330 M.'86			23	20	
32 W. Special...					23	45-70-350 " "			23	20	
32-40			12	11		45-70-405U.S.G.			23	20	
32-40 S. Range.	10					50-110 W. H. V.				40	

PISTOL CARTRIDGES.

	No. 2 Du Pont grains	L. & R. Bull's-eye grains	L. & R. Sporting grains		No. 2 Du Pont grains	L. & R. Bulls-eye grains	L. & R. Sporting grains
32 S. & W.....	2	1	3	38 S. & W....	3	2	5
32 S. & W. Long ...	3	2		38 Long C.D.A	5	3	7
32 Colt..	2	1		38 W. C. F....	14		14
32 Colt New Police.	3	2	4	41 L. Colt, D.A	6		
32 Short.	2			44 W. C. F....	16		17
32 Long.....	2	1	4	44 S.&W.Rus.	7	3	9

LOADED PAPER SHOT GUN SHELLS.

Prices for loaded shells are quoted per 1,000. Prices per 100, or per box of 25, are 5 per cent. in advance of the prices quoted per 1,000. To obtain the price per 100, divide the price per 1,000 by 10, then multiply by 1.05. To obtain price per box, divide price per 1,000 by 40, then multiply by 1.05. Special rates made on lots of 500. Prices on smaller lots strictly net. Hand-loaded shells of every description a specialty. Prices quoted on application.

NET BASE PRICE

From which the net price of any load in the following shells may be figured:

Winchester ..... "New Rival"
Union Metallic Cartridge ..... "New Club"

BLACK POWDER LOADS.

10 Gauge, $3\frac{3}{4}$ drams powder, 1 oz. shot	Per 1,000	$17.33
12 Gauge, 3 drams powder, 1 oz. shot	Per 1,000,	15.75
16 Gauge, $2\frac{3}{4}$ drams powder, $\frac{7}{8}$ oz. shot	Per 1,000,	15.75
20 Gauge, $2\frac{1}{2}$ drams powder, $\frac{7}{8}$ oz. shot	Per 1,000,	15.44
For lots less than 500 add 5 per cent.		
For each $\frac{1}{4}$ dram of powder, add or deduct		.32
For each $\frac{1}{8}$ oz. shot, add or deduct		.63
For Buck or larger shot, add		1.26
For Chilled shot, add		2.84

NET BASE PRICE

From which the net price of any load in the following shells may be figured:

Winchester ..... "Repeater"
Union Metallic Cartridge ..... "Nitro Club"

SMOKELESS POWDER LOADS.

10 Gauge, $3\frac{1}{4}$ drams powder, $1\frac{1}{8}$ oz. shot	Per 1,000,	$24.60
12 Gauge, 3 drams powder, 1 oz. shot	Per 1,000,	21.60
16 Gauge, $2\frac{1}{2}$ drams powder, 1 oz. shot	Per 1,000,	21.00
20 Gauge, 2 drams powder, $\frac{3}{4}$ oz. shot	Per, 1,000,	19.20
For lots less than 500 add 5 per cent.		
For each $\frac{1}{4}$ dram powder, add or deduct		.60
For each $\frac{1}{8}$ oz. shot, add or deduct		.90
For Chilled B or Buck shot, add		1.50
Half sizes of shot, except No. $7\frac{1}{2}$, add		3.30

For comparative measures of smokeless powders, see page 273.

Bulk powder will be loaded only by measure.
Dense powder will be loaded only by weight.

LOADED PAPER SHOT GUN SHELLS.

BASE PRICE.

From which the net price of any load in the following shells may be figured:
Union Metallic Cartridge.....“Arrow” and “Trap”
Winchester.....“Leader,” “Metal Lined,” or “Pigeon”

SMOKELESS POWDER LOADS.

10 Gauge, $3\frac{1}{4}$ drams powder, $1\frac{1}{8}$ oz. shot.....Per 1,000, $28.73
12 Gauge, 3 drams powder, 1 oz. shot.....Per 1,000, 24.11
16 Gauge, $2\frac{1}{2}$ drams powder, 1 oz. shot.....Per 1,000, 23.60
20 Gauge, 2 drams powder, $\frac{3}{4}$ oz. shot.....Per 1,000, 22.06

For lots less than 500 add 5 per cent.
For each $\frac{1}{4}$ dram powder, add or deduct..... .51
For each $\frac{1}{8}$ oz. shot, add or deduct..... .77
For Chilled, B or Buck shot, add..... 1.29
Half sizes of shot, except No. $7\frac{1}{2}$, add..... 3.84
For “Metal Lined,” “Pigeon,” or “Trap” Shells, add..... 4.11
For 12 Gauge Shells, $2\frac{7}{8}$ inches long, or over, with special wadding, add..... 2.57
For 12 Gauge Shells, $2\frac{5}{8}$ inches long, or over, with Pink Edge, White Felt, or Express wads, add..... .57

COMPARATIVE MEASURES OF SMOKELESS POWDERS.

Giving the equivalent of Black Powder in drams to Smokeless Powders in grains.

Black Powder	Dupont Hazards Dead Shot Alarm	L. & R. Infallible	E. C. No. 1 Troisdorf	New Schultze New E. C.	Rifleite	Ballistite	Walsrode
2 Drams...	25	16	28	24	22	16	22
$2\frac{1}{4}$ Drams...	28	18	$31\frac{1}{2}$	27	24	18	24
$2\frac{1}{2}$ Drams...	31	20	35	30	27	20	26
$2\frac{3}{4}$ Drams...	34	22	$38\frac{1}{2}$	33	30	22	28
3 Drams...	37	24	42	36	33	24	30
$3\frac{1}{4}$ Drams...	40	26	$45\frac{1}{2}$	39	35	26	32
$3\frac{1}{2}$ Drams...	43	28	49	42	38	28	38
$3\frac{3}{4}$ Drams...	46	30	$52\frac{1}{2}$	45	41	30	40
4 Drams...	49	32	56	48	44	32	
$4\frac{1}{4}$ Drams...	52		$59\frac{1}{2}$				
$4\frac{1}{2}$ Drams...	55		63				

CAUTION.

Dense Smokeless Powders, such as “Infallible,” “Rifleite,” “Ballistite” and “Walsrode” *must not* be loaded by bulk. They should *always* be loaded *by weight* and not by measure.

Bulk powder will be loaded only by measure, not by weight.

SHOT.

We carry a full line of Shot, both soft and chilled, and our prices are the same as "tower prices."

Owing to the frequent fluctuations in the price of Shot, however, we cannot catalogue prices with accuracy. Below is a table of size, weight and diameters. Prices on application.

AMERICAN STANDARD.

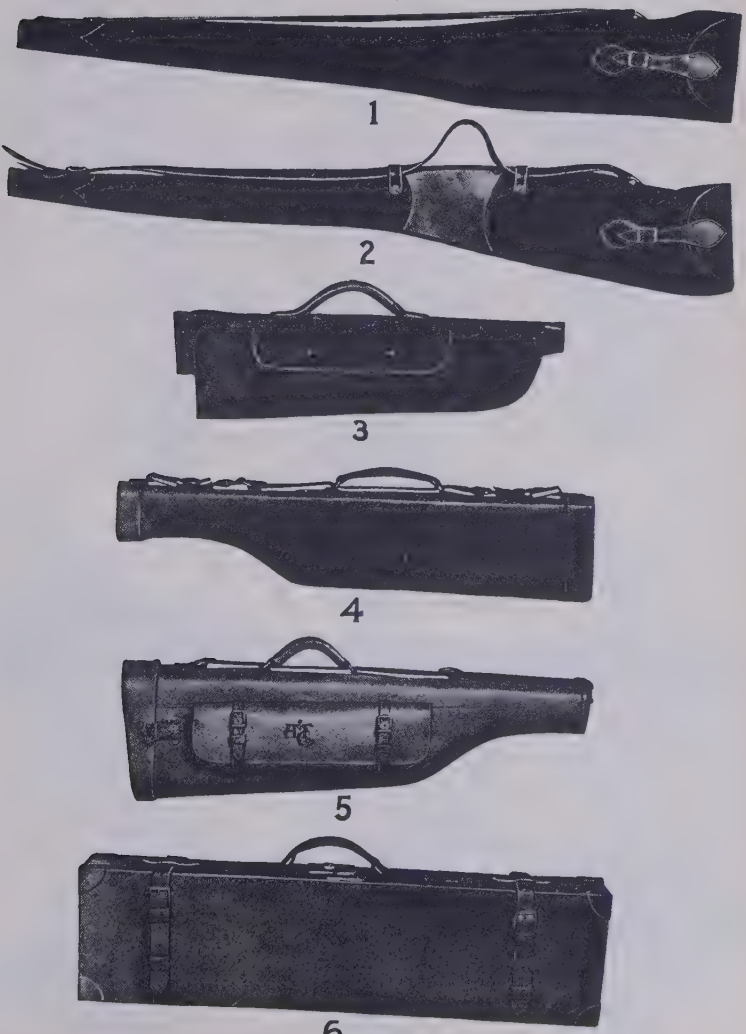
Size of Shot	Diameter	No. to the oz. Chilled	No. to the oz Soft
Dust	.04 inches	....	4565
12	.05 inches	2385	2336
11	.06 inches	1380	1346
10	.07 inches	868	848
9	.08 inches	585	568
8	.09 inches	409	399
7	.10 inches	299	291
6	.11 inches	223	218
5	.12 inches	172	168
4	.13 inches	136	132
3	.14 inches	109	106
2	.15 inches	88	86
1	.16 inches	73	71
B	.17 inches	....	59
B B	.18 inches	....	50
B B B	.19 inches	....	42
T	.20 inches	....	36
T T	.21 inches	....	31

COMPRESSED BUCKSHOT.

No. 3	.25 inches diameter	284 Balls to the lb.
No. 2	.27 inches diameter	232 Balls to the lb.
No. 1	.30 inches diameter	173 Balls to the lb.
No. 0	.32 inches diameter	140 Balls to the lb.
No. 00	.34 inches diameter	115 Balls to the lb.
No. 000	.36 inches diameter	98 Balls to the lb.

RIFLE AND GUN CASES.

Our Own Make and Very Highest Quality.



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2

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4

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6

For description and Prices see Page 276

RIFLE AND GUN CASES.

(See page 275 for illustrations.)

When ordering state make of weapon and length of barrel.

No. 1. Made of waterproof Pantasote double duck with leather end cap and adjustable sling strap. ..... Price $2.50

No. 2. Made of waterproof Pantasote double duck with leather end and band over action. Combination sling strap and handle. ..... Price 3.50

No. 3. Made of waterproof Pantasote double duck with leather ends over muzzle and action. Leather handle and pocket for cleaning rod..... Price, 3.50

No. 4. The most compact case made. Opens at both ends allowing stock and barrel to overlap, reducing weight and bulk. Hand made of finest russet leather with brass buckles, handle and slip strap..... Price, 10.00

No. 41 Same as above but opens at one end only..... Price, 10.00

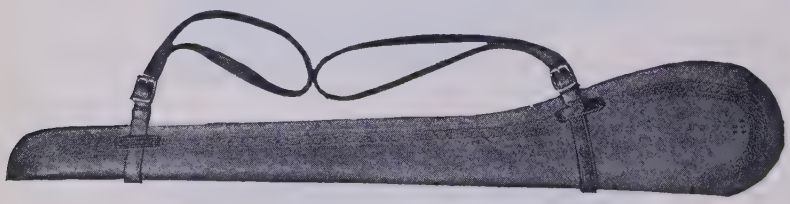
No. 5. Made of fine russet leather, hand sewed. Lined with flannel and has brass lock catch, rod pocket, handle and sling strap..... Price, 5.50

No. 6. Rifle or gun trunk. Fine wooden case covered with best russet leather and lined with green billiard cloth, strap and buckle fastenings and fine brass hasp lock.... Price, 17.50

No. 61. Same as above. Extra fine, with brass corners ... Price, 22.00

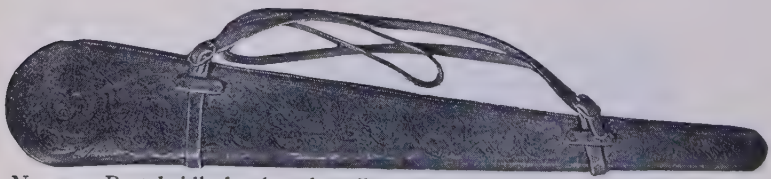
SADDLE HOLSTERS.

For carrying rifles or guns on horseback.



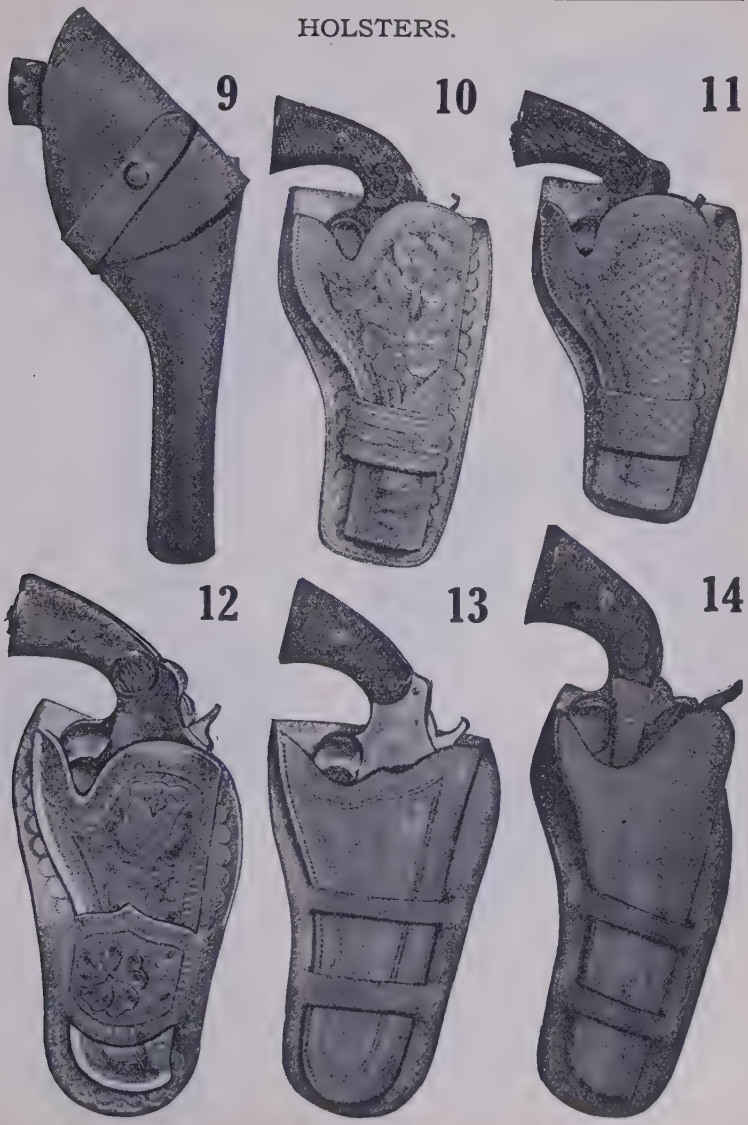
No. 1. Heavy Russet Leather, Embossed edge, sewed with rawhide..... Price, $3.00

No. 2. Extra heavy leather. Embossed edge. Sewed and riveted. For carbines and short rifles..... Price, 3.00



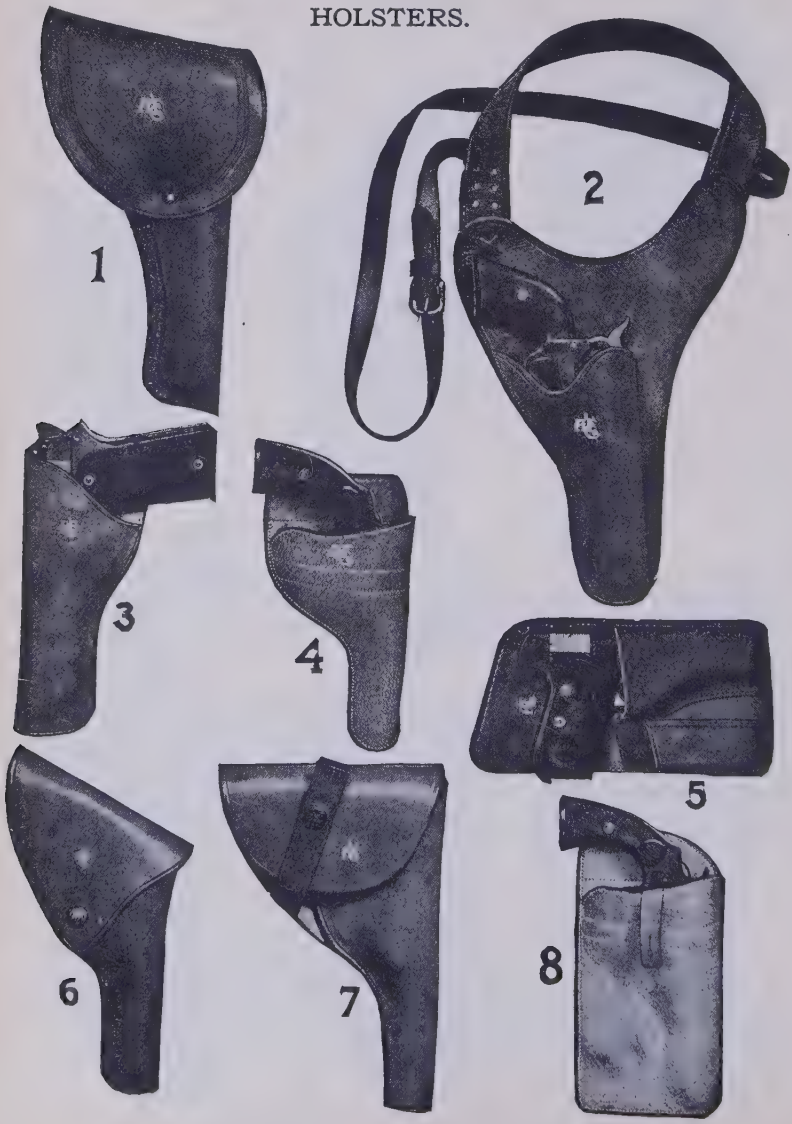
No. 3. Best bridle leather, heavily embossed. The finest holster made..... Price, $6.50

HOLSTERS.



For description and prices see page 279.

HOLSTERS.



For description and prices see page 279.

HOLSTERS.

Finest Grade of Leathers and Best Make Only.

When ordering, state make of weapon, calibre and length of barrel.

No. 1. Heavy russet leather with embossed edge. Flap and stud fastener. For Colt automatic pistol.....Price, $1.00

No. 2. "Secret Service" or Shoulder Holster. Hand made of fine "Indian tan" leather, soft and waterproof. Adjustable shoulder loop, strap and buckle.....Price, 3.00

No. 3. Open holster for Colt automatic pistols. Hand made of finest russet bridle leather.....Price, 1.50

No. 4. Audley's Patent. Spring clip holds revolver so it cannot slip out in any position. Hand made of pigskin and lined with moleskin. Has belt loop.....Price, 1.75

No 5. Hip pocket holster for Colt automatic pistols. Has pocket for extra magazine. Hand made of fine russet leather with sole leather back.....Price, 1.25

No. 6. Plain flap holster with snap-button fastener, hand made. Russet leather, 50c. Fine Reinback leather, $1.00. Extra heavy Reinback leather..... 1.50

No. 7. Flap holster for Luger automatic pistol. Strap and snap-button fastener. Hand made.
Fine russet leather, $1.50 Heavy Reinback leather..... 2.00

No. 8. Audley's Patent. Made same as No. 4 but has stiff back for hip pocket. Has button loop.....Price, 2.00

No. 9. Flap holster, with strap and snap-button fastener. Hand made of fine "Indian tan" leather.
For single shot pistols, $1.50. For revolvers..... 2.25

No. 10. Mexican pattern. Heavy bridle leather, finely embossed, closed box end.
5½ inch, $2.25. 6 inch, $2.50. 7½ inch..... 2.75

No. 11. Mexican Pattern. Heavy russet leather, embossed basket pattern. Closed end.....Price, 1.50

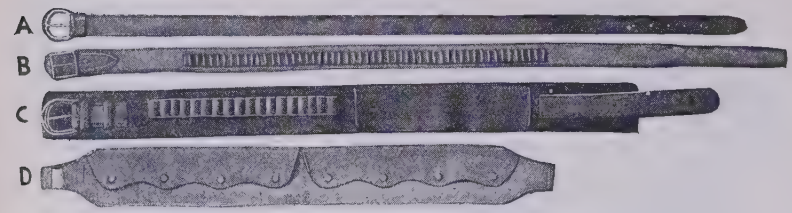
No. 12. Mexican pattern. Heavy bridle leather, beautifully embossed, flower design. Edge sewed with rawhide.
Closed end, 5½ inch, $2.25. 6 inch, $2.50. 7½ inch..... 2.75

No. 13. Mexican pattern. Russet leather, pressed edging. Closed end.....Price, 1.00

No. 14. Mexican pattern. Hand made on special model and is the best for large calibre revolvers. Made of finest Reinback or "Indian tan" bull-hide.
Price, either style, $2.50.

(See pages 277 and 278 for illustrations.)

BELTS.

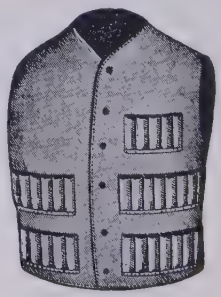


A. Plain leather belt. Hand sewed. Best russet harness leather, brass buckle. 1½ inches wide..... Price, $1.00
B. Russet leather cartridge belts, all calibres..... .75
BX. Same as B, but made for long rifle cartridges..... 1.00
C. Combination cartridge and money belt. Extra fine quality and all hand work. Made of fine "Indian tan" waterproof or English grain leather. Belts are three inches wide and are intended to carry coin, bills and valuable papers. Made for all calibres of cartridges. In waist or hip belts..... $4.00
D. Money belt. Soft leather with snap-buttons on pockets. Fastens around waist with strap and buckle..... $1.50
DC. Money belt. Fine chamois. Three pockets ..... .75
DS. Money belt. Made of waterproof silk, pockets fasten with snap-buttons. Very light and durable..... .75
Mills' Woven Belts. For all rifles and shotguns..... 1.50

CARTRIDGE VESTS.

Handier than a belt for field shooting and better in every way. Made of fine khaki and all shell loops bound at bottom with tape. Metal buttons. Made for all gauges.

Price $2.75



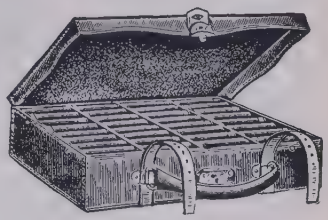
CARTRIDGE BOXES.

A safe and handy method of carrying extra cartridges. Made of fine "Indian tan" waterproof leather to carry on belt. Sewed by hand and fastens with snap buttons. Price, $1.00.

CARTRIDGE LOOPS.

For carrying extra cartridges. Slips on any belt. Handy and convenient. Furnished in any size calibre. Best russet leather and sewed by hand. Length, 9½ inches, number of loops according to calibre ..... Price, 75 cents.

AMMUNITION OR SHELL CASES.



Finest quality Reinback leather, hand made case, zinc sheeting lined, straps with brass lock buckles, strong and serviceable.

For 100 shells..... $6.00
For 200 shells..... 7.50

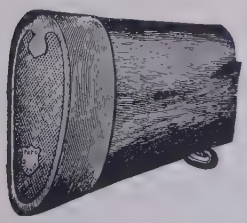
Leatheroid, the strongest and most serviceable. Has strong lock and handle.

To carry 4 boxes of shells (100) $3.00
To carry 8 boxes of shells (200) 3.50

SILVER RECOIL PAD.

To be permanently attached to stock of gun. Made of sponge rubber with a solid rubber covering. It is a great shock absorber.

Genuine Silver Pad $4.50
American Silver Style Pad..... 3.00

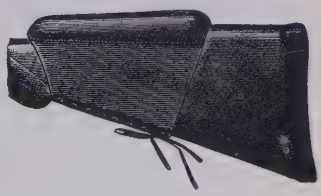


RECOIL PADS.

Red Rubber Recoil Pads, to slip over stock. When ordering state size of butt of gun, length and breadth in inches.

Price, $1.00.

ROWLEY CHEEK PAD.



This pad protects the face and will fit any gun. Prevents flinching, and will improve your shooting. Made of fine leather to lace on stock.

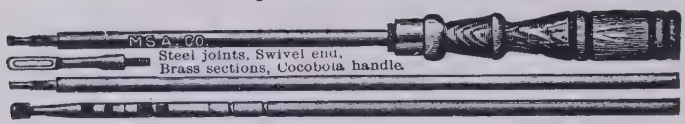
Raises the comb $\frac{1}{8}$ inch, $\frac{1}{4}$ inch, $\frac{3}{8}$ inch,
Price. $1.50

DOG BOOTS.

An absolute protection for a dog's feet when hunting in sand briars or rough country. Made of genuine pigskin. When ordering send drawing showing size of dog's feet.

Price per set (4 boots)..... $6.00

MARBLE JOINTED RIFLE ROD.

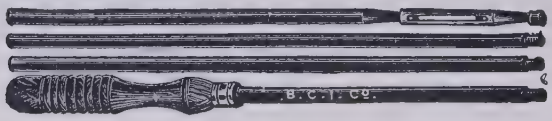


Made of brass in three sections, reinforced at joints by a long, neatly fitting steel dowel, which holds in such a way as to give special rigidity to the rod.

Fitted with cocobolo wood handle and furnished with jagged and slotted detachable tips.

Price each.....(all calibres) $1.00

B. G. I. RIFLE CLEANING RODS.

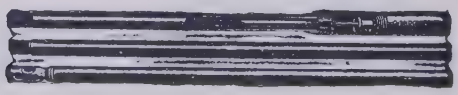


Four jointed brass rod, slotted and jagged, with revolving handle. Threaded tip to take brass or bristle brushes. All calibres, price, 75 cents.

WOOD SHOTGUN CLEANING RODS.

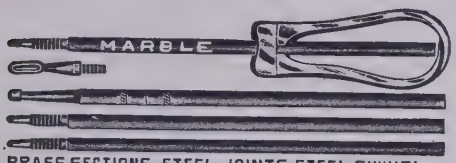
Three jointed wooden rod, 10 and 12 gauge. .....Price, $ .45
Three jointed wooden rod, 16 gauge. ..... .50
Three jointed wooden rod, 24 and 28 gauge. ..... .60

"POWER" GUN CLEANING ROD, WITH OIL CAN AND SCREWDRIVER COMBINED.



Made of Seamless Brass Tubing. .....Price, $1.50

MARBLE'S POCKET RIFLE AND REVOLVER ROD.



BRASS SECTIONS, STEEL JOINTS, STEEL SWIVEL.

Handle can be put on any section. Slight pressure makes it grip rod securely. Handle is steel, nickel plated. Sections are solid brass with steel joint connections and swivel same as "Marble's Jointed Rifle Rod," and made in all calibres.

With vest pocket leather case..... $1.35

MARBLE'S REVOLVER ROD.

The screw-capped, nickle-plated, brass handle accommodates the other parts, also any make or size of cleaner and an extra section if needed. It is $\frac{3}{4}$ by 5 inches in size.

This makes a very complete, compact outfit which may be conveniently carried in the pocket. For $7\frac{1}{2}$ or $5\frac{1}{2}$-inch barrel.....$1.12

UNITED STATES GOVERNMENT RIFLE CLEANER.

United States Government Rifle Cleaner is a tool which every sportsman and target shooter will appreciate. It consists of a bristle brush and slotted wiper, with detachable cord and weight for dropping through barrel. A separate slotted wiper is furnished for drawing through a dry cloth and for oiling purposes. All calibres, 50 cents.

SHOTGUN FIELD CLEANER.

Made for shotguns on the principle of the U. S. Government Rifle Cleaner. For 8, 10, 12, 14, 16 and 20 gauge.....Price, $ .75

MARBLE'S FIELD CLEANER.

This cleaner is built on the same general lines as the regular rod cleaner, and may be used on any rifle rod, but is designed to be carried in the pocket for use in the field. It is fitted with a cord at each end so that by hooking the loop over some projection, holding the weight in one hand and working the rifle backward and forward with the other, it is not necessary to drop the weight and pull the cleaner through the barrel every time in order to clean a single bad spot. State calibre wanted.

Price $ .68

REVOLVER CLEANERS.

No. 1.—Brass rod, cocobolo handle and brass wire brush.
The very best rod. All calibres.....Price, $ .50
Extra brushes, brass or bristle..... .25
No. 2.—Twisted Wire, bristle brush, wood handle..... .15
No. 3.—Twisted Wire, bristle brush, ring handle..... .10

WHINERY MUZZLE PROTECTOR.

This protector is slipped in the barrel at muzzle and prevents rod from coming in contact with the barrel at any point. Friction of the rod is more injurious to a gun than shooting, and this is entirely overcome by using this little implement.

Muzzle protector, .22 or .25 calibre ..... $ .20

MARBLE RIFLE CLEANER.

Made of soft brass gauze washers on a flexible steel spring core, thereby allowing it to follow the rifling and remove all leading, rust and caked powder without injuring the barrel.

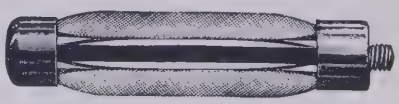
Made with threaded end, also hole in each end, so that it may be used either on rod or with a cord. Mention calibre.

Price each, 50 cents.

MARBLE SHOTGUN CLEANER.

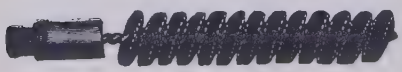
Made on same principle as rifle cleaner. All gauges. 75 cents each.

THE TOMLINSON CLEANER.



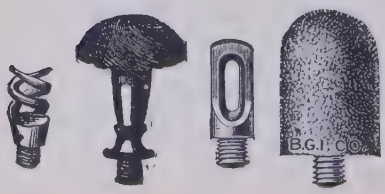
Fits all standard cleaning rods. Will clean entire length of barrels, notwithstanding the different chokes. Guaranteed to remove all lead, powder cake, etc. All gauges, $1.00 each. Extra brass wire sides, 10 cents.

CLEANING BRUSHES.



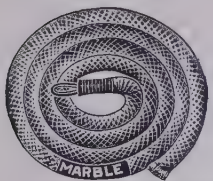
Bristle brushes, all calibres, 25 cents.

Wire brushes, all calibres, 25 cents



Wiper for 10 and 12 gauge	$ .06
Wiper for 16 gauge	.07
Wool swab for 10 and 12 gauge	.07
Wool swab for 16 gauge.	.08
Steel wire scratch brush for 10 and 12 gauge	.06
Steel wire scratch brush for 16 gauge	.07
Worms for rods	.10

MARBLE'S ANTI-RUST ROPES.

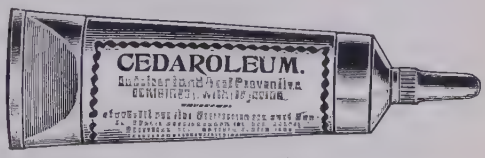


ANTI-RUST ROPE FOR RIFLES.

When saturated with oil these "wicks" exclude all air and moisture and make it impossible for the barrels to rust or become pitted. Being larger than the bore, they insure a constant pressure of oil against the entire circumference of the bore. With the anti-rust ropes firearms can be laid aside for a whole season and kept in perfect condition.

For double barrel guns. Set..... $ .90
For single barrel guns. Each..... .45
For rifles. State calibre..... .45
For revolvers. State calibre..... .22

CEDAROLEUM GUN GREASE.



A new, colorless grease.

Will not gum, harden or become rancid. Unequaled for rifle and gun barrels. Tubes have patent nozzles, enabling one to apply grease easily to parts usually inaccessible.

Weight, 2 ozs. Price $ .15

FITCH ORDNANCE SALVE.

A newly discovered preparation and which is the very best for preventing rust, pitting and corrosion of gun barrels. It is a thin, colorless salve, quickly applied, and which will neither gum nor evaporate and dry out. Does not become rancid and will positively prevent rust under any conditions as long as it remains upon the metal. Largely used by the U. S. Ordnance Department and pronounced the best and most efficient for the treatment of all ordnance and small arms. This salve will positively arrest the development of pitting wherever applied and will be found superior to any other forms of grease or oil for general sporting uses. Sold by us exclusively and put up in 2 oz. friction top cans. Price, 25 cents.

"3 IN 1" OIL.

For cleaning and oiling rifles, guns, revolvers, reels, bicycles, sewing machines, typewriters, etc. Positively will not gum.

Small size, weight, 2 ozs ..... Price, $.10
Large size, weight, 8 ozs..... .25

MANY USE OIL.

An excellent thin oil for cleaning and oiling rifles, guns, revolvers and light machinery. Good for removing rust and powder cake and will not gum. 4 oz., 15 cents. 6 oz., 20 cents. 2 qt. size, $1.50.

MARBLE'S NITRO-SOLVENT.

The wonderful new oil that will quickly clean and absolutely protect firearms from the corrosive action of all black and smokeless powders, including cordite. It is a mixture of different chemicals with three oils of the finest kind. 2 oz. bottle..... $ .22

WINCHESTER GUN GREASE.

A light coat of this grease on any polished metal will prevent it from rusting, provided it has been properly cleaned, and preserve its luster and finish. This compound will not become rancid in any climate and will not flow off from a warm barrel and leave it dry, as is the case with some greases and oils. It is put up in collapsible tubes only. Price per tube, 15 cents.

WINCHESTER GUN OIL.

For lubricating the lock mechanism of rifles, shotguns, revolvers; sewing machines, bicycles, typewriters, etc. Will not gum or stick, or become rancid under any conditions. Put up in bottles only. Price per bottle, 15 cents.

WINCHESTER CRYSTAL CLEANER.

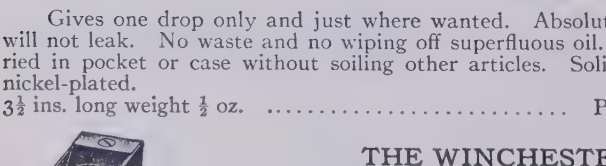
This preparation dissolves the copper and nickel fouling in rifles without injury to the barrel. Put up only in bottles.

Price per bottle, 25 cents.

WINCHESTER RUST REMOVER.

For removing rust from the bores of all kinds of firearms and from metallic instruments. Put up in collapsible tubes only.

Price, per tube, 25 cents.



ONE DROP OIL CAN.

Gives one drop only and just where wanted. Absolutely tight and will not leak. No waste and no wiping off superfluous oil. Can be carried in pocket or case without soiling other articles. Solid brass tube, nickel-plated.

3½ ins. long weight ½ oz. ..... Price, 10 cents.

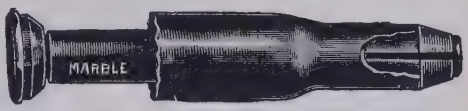
THE WINCHESTER BARREL REFLECTOR.

For examining the inside of Winchester Barrels. Price, 50 cents each.

When ordering, give model of rifle.

Not adapted to Model 1890.

THE MARBLE BROKEN SHELL EXTRACTOR.



It is simple, strong and will last a lifetime. Made for the following rifles: .25-20 S. S., .25-20 Repeater, .25-35 Win., .25-36 Marlin, .32-40, .30-30 Win., .30-40 U. S., .32 Win. Special, .32-20, .303 Savage, .303 British, .32 W. H. V., .38-55, .45-70, 7 mm., 7.65 mm., 8 mm. New sizes constantly being made. Price each..... $ .75

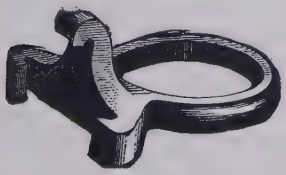
SUPPLEMENTAL CHAMBER.

This device permits the use of popular pistol cartridges in rifles without change or readjustment except sights. The chamber is inserted in rifle the same as a cartridge and is extracted the same.

Made for use in the .30 Winchester, .30 Army, .303 Savage, .303 British; to shoot the .32 Short Colt and .32 S. & W. cartridges. For use in the .32 Winchester Special and .32-40 Winchester to shoot .32 Short Colt, and made for use in .35 Winchester to shoot .38 S. & W. or .38 Colt New Police and for .405 Winchester to shoot .41 Colt D. A. Short. Price, 50 cents.

MACMILLAN EXTRACTOR.

Adjustable to fit any size of shot gun shell. By pressing together, the clutches spread apart and when released take a firm hold on the shell. Price, 20 cents.



GUN SHELL EXTRACTOR.

A simple and inexpensive device for extracting shot gun shells that stick in the barrel of your gun. When you order say what gauge you want. Price, 15 cts.

HEIKE'S HAND PROTECTOR.

Protects the hands from hot and cold barrels. Made of spring steel, leather covered. Springs over barrels in front of fore-end. State gauge when ordering.

6-inch..... $ .75
9-inch..... 1.15
12-inch..... 1.35

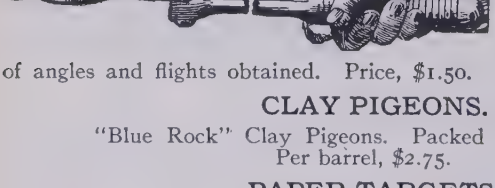
BLUE ROCK TRAPS.

These traps are intended to throw Blue Rock Clay Pigeons and are made in two styles.

The difference is in the base, the upper part being the same. The Expert has a handle by which the angles of the trap can be quickly changed, and the Extension Trap is designed to set and throw targets in one position.

Extension Spring Trap..Price $5.00
Expert Model, like cut, $6.50.

THE PING-PONG HAND TRAP.



A new Hand Trap for throwing Blue Rocks for practice on private grounds, in camp, on board yachts. Shooting can be made easy or difficult at will, and any and all kinds of angles and flights obtained. Price, $1.50.

CLAY PIGEONS.

"Blue Rock" Clay Pigeons. Packed 500 in a barrel. Per barrel, $2.75.

PAPER TARGETS.

		Doz.	100
No. 8	Armory Practice, size 8x12 inch, 1 5-16 bull's eye	$ .10	$ .60
No. 9	Gallery Practice, size 8½x8½ inch, 1 inch bull's eye	.05	.30
No. 10	Mass or Ring Target, 25 yards, size 6x9 inch, 1 inch bull's eye	.05	.30

CREEDMOOR PAPER TARGETS.

These targets on strong paper for outdoor shooting.

No. 3.	200 yards, 8 inch bull's eye.....Per Doz.	$3.60
No. 4.	100 yards, 4 inch bull's eye.....Per Doz.	.60
No. 5.	75 yards, 3 inch bull's eye.....Per Doz.	.40
No. 6.	50 yards, 2 inch bull's eye.....Per Doz.	.25
No. 7.	25 yards, 1 inch bull's eye.....Per Doz.	.10

CALLS AND WHISTLES.

No. 1. Echo Call. One of the loudest and most powerful calls made Makes an excellent dog call or signal whistle for use in the woods. Nickel plated. Price, 20 cents.

No. 2. Dog Whistle. The regulation whistle for field use. Made of fine white bone with "triller." Price, 30 cents.

No. 3. Police Whistle. Made on the "two-tone" or double tube principle. Nickel plated, with chain and ring. Price, 50 cents.

No. 4. Allen's Duck Call. The best duck call made. Imitates the natural "quack" of the duck and the tone or pitch can be changed at pleasure. Price, 50 cents.

No. 5. Duck Call. An excellent call and "quacker." Made of polished cocobolo wood with nickel-plated tip. Price, 25 cents.

No. 6. Fuller's Goose and Crane Call. By moving the sliding tube back and forth one can, with practice, reproduce the natural calls to a wonderful degree. Nickel tube, wood mouth-piece. Price, 95 cents.

No. 7. Crow Call. One of the most natural calls made. Reproduces the crow's "caw" exactly and very effective. Price, 75 cents.

No. 8. Snipe Call. Imitates closely the shrill and peculiar whistle of the snipe. Made of fine horn. Price, 30 cents.

No. 9. Turkey Call. An excellent "yelper" and better than bone. Made of cocobolo wood. Price, 35 cents.

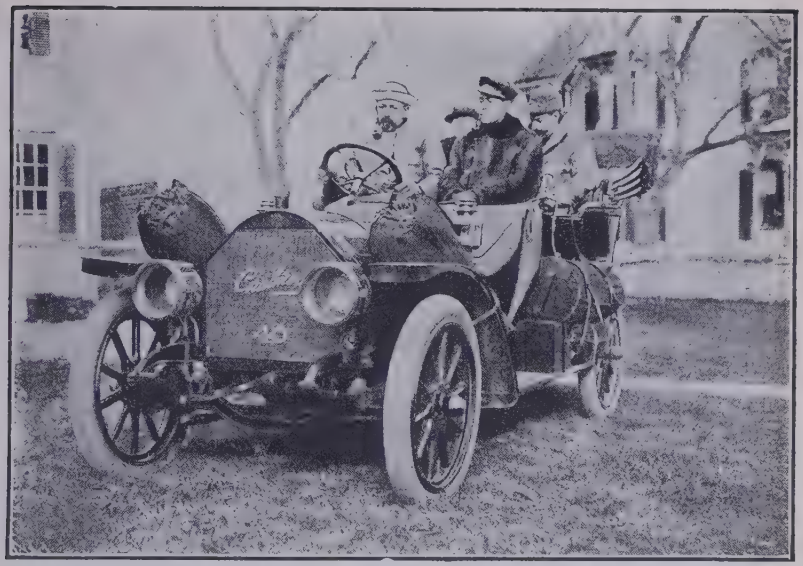
No. 10. "Ole Virginny" Turkey Call. Wooden box with slate scraper. Reproduces exactly all the calls of both gobbler and hen. Price, 50 cents.

CAMPING OUT WITH THE AUTOMOBILE.

Copyrighted.

It is doubtful if any considerable percentage of motorists purchase their first cars with a single thought beyond the anticipation of mere motoring. Merely to ride in a new car is ample for a time—then to drive it—to learn all its tricks, the while nosing outward from the garage in a compass-wide radius of new directions—touring new roads, lunching and dining at new hostelries—this is the routine in which every car owner merges his waking self when not otherwise employed.

Do you know that you can take a party of friends in a motor car and tour from New York to San Francisco, or from Texas to Montreal,—without once being dependent upon a hotel for sleeping accommodations or even food? That you can carry your own shelter—your own portable home—your own kitchen—your own beds with you? You can. You can be absolutely comfortable every bit of the way—every hour of the time. You can enjoy a new, novel sport—a glorious outing at one-tenth the expense—just by letting us show you how to use automobile tents, automobile sleeping bags, automobile kitchens, pantries—no end of other automobile accessories which you didn't know existed—which you can't buy or even learn about elsewhere, and which multiply by ten the real enjoyment value of your car.



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AUTOMOBILE CAMPING OUTFIT.

As an aid in the selection of an automobile camping outfit we herewith give a list that may easily be carried on the running boards and baggage rack of a five-passenger touring car, sufficient to give perfect comfort and protection against all conditions on an extended trip.

1 large Tanalite Automobile Tent (if party of men)..... $36.40

2 small Tanalite Automobile Tents (if party of women and Men.) See p. 40 .....Each 31.90

If trip is made through country infested with mosquitoes, bobbinet front should be added. See p. 46.

5 Fitch Combination Sleeping Bags (for moderate weather, Model B.) See p. 51. .....Each 23.00

5 No. 1 Air Beds. See p. 56. .....Each 21.00

5 Air Pillows, 11x16. See p. 55. .....Each 2.75

1 Automobile Cooking and Lunch Outfit, see p. 131, or 1 No. 6 "Aluminol" or "Armorsteel" Cooking Outfit, see pp. 124 and 129.

1 No. 3 Folding Aluminum Baker, bread board, and case. (For baking bread, roasting meats, fish, etc.) See p. 136..... 7.00

1 Tanalite Automobile Cover, if car is used without top. To be used as dining fly in rainy weather. See p. 297.

2 ¾ axes in leather sheaths. See p. 67. .....Each 1.60

1 India or Carborundum Axe Stone. See p. 68.

AUTOMOBILE CAMPING OUTFIT—Continued.

1 Military Night Marching Compass. See p. 102..... $11.25
2 Folding Basins. See p. 62.....Each, .50
2 Folding Buckets. See p. 61.....Each, .50
1 Electric Repair Lamp, see p. 311..... 3.00
1 Set Boyd Pot Hooks. See p. 136..... .25
1 Can Carbide; 10 lbs. See p. 63 and 65..... .75
5 4-qt. Hot Water Bottles (one of these is equal to a pair of blankets in sleeping bag on cold night) see p. 86.....Each, 1.75
2 Folding Aluminum Lanterns and Candles, or 2 Calcium Carbide Lamps. See p. 64, 65.
3 Steel Automobile Chairs, with back, see p. 313.....Each, 2.50
2 No. 3 Folding Chairs, as shown on page 59.....Each, 1.25
1 Automobile Medicine Kit. See p. 84..... 4.20
1 Rubber Chamber. See p. 62..... 1.50
Straps for fastening bags on running boards.....Each, .75
2 Extra Shoes, 4 Extra Inner Tubes.
1 Tire Repair Kit and Pump.
Waterproof Clothing and Underwear, Waterproof Boots (see under proper department headings).
50-feet of 7-16 Best Manila Rope. See p. 49..... .40
1 Coat Rail Bag. See p. 314..... 4.50
Tire Trunk. See p. 308.
If car is not supplied with auxiliary gasoline tank, an extra strong emergency tank, should be carried, together with oil, grease, etc. See p. 309
Tool Kit. See p. 312.
Tire Pressure Gauge. See p. 303..... 3.00
Good Field Glass. See pp. 108-9.
Camera and Films. See pp. 111 to 115.
In hot weather, where ice can be procured, a refrigerator basket should be carried to keep cool butter, meats, etc. See p. 79 .....$3.50 to 10.00
Goggles for traveling over unfrequented roads, not necessary except in the afternoon when the black flies are out, when the wire goggle would be used. See pp. 299-300.
Guns, ammunition and fishing tackle, dependent upon the time of year and the country traversed.

The above outfit makes the party independent of hotels and ready to camp anywhere where night overtakes them. In addition to the above, compressed foods should be carried in food bags (p. 140), and friction-top tins (p. 140), packed in brown waterproof bags (p. 138.)

The average automobilist has no idea of the fun he can have with a good outfit, being absolutely independent of hotels and local accommodation. A little booklet, "Trekking by Automobile," by Ezra H. Fitch, will be gladly mailed on request.

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AUTOMOBILE OUTFITTING.

Our Motor Car Outfits are a revelation to those who have depended for their needs on the automobile supply houses or department stores.

We have automobile outfits that are "different," most of which you have probably never seen, the majority being our own make and design and exclusive with us. We know what every man should have on his car in the shape of proper equipment and can intelligently advise you in the selection of many accessories which go to making touring or cruising a pleasure and comfort, no matter where you go, the time of year or the state of weather. We are not aiming to run the whole gamut of automobile supplies with its attendant "junk," but a selected line of specialties which are not generally known and often difficult to obtain.

Of course we can sell you anything in the automobile line you want, from a tire chain to a crank shaft. If you are a customer of this house and find yourself in a broken down car on the road to Mandalay or in a suburb of Kamchatka, you can send to us for anything movable that motes or helps to mote and we'll get it to you quick.

WOMEN'S AUTOMOBILE DUSTERS.

Ready Made.

"PACKARD."

Coat of chambray. Loose, full cut, single breasted, two side patch pockets, military collar, pearl buttons.

Price, $2.25

"PIERCE."

Fine unbleached linen. Full back, double breasted, two patch pockets, brass buttons.....Price, $4.50

"PALMER."

Dark tan mohair. Full back, double breasted. Cuffs on sleeves, two side pockets, handsomely made..Price, $6.70

"PEERLESS."

As shown in cut. Made of pongee, trimmed with narrow green pongee hem. Buttons of material to match, double breasted, finished cuffs, with belt at back and straps over shoulders, very handsome and serviceable. Price, $9.40.

"ROSEBERRY" SHOWER PROOF.

Made of dark green "Roseberry" Cloth. Single breasted, fly front, wind cuffs in sleeves, military collar, two side pockets, very serviceable. Price, $17.50.

MEN'S AUTOMOBILE DUSTERS.

Ready Made.

"PANHARD."

Made of chambray. Single breasted, full cut, two patch pockets, military collar, long and full.....Price, $1.25

"MERCEDES."

Natural color, pure unbleached Irish Linen. Slash pockets, single breasted, wind cuffs, military collar...Price, $2.75

"MORS."

Dark tan mohair. Single breasted, two slash pockets, wind cuffs, military collar.....Price, $5.00

"DARRACQ."

Finest quality cream color mohair, dark green stripes. Single breasted with overlapping storm front. Pearl buttons, wind cuffs, Stanley breast pocket, two side slit pockets and two side slit openings to the trousers pockets, military collar.
Price, $8.50

"ROSEBERRY" SLIP-ON.

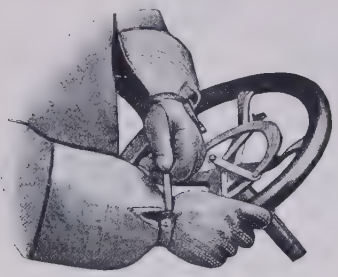
Waterproof, very light. Dark green shade, single breasted, fly and storm front. Rain cuffs in sleeves, military collar, two side pockets, full length, very wide and full skirt. Price, $15.70.

DOUBLE BREASTED "ROSEBERRY" SLIP-ON

Same as above but made double breasted and not so full in skirt.
Price, $17.50.

MEN'S AUTO STREET COATS.

Priestley "Cravanetted" wool. Made long, medium weight, all wool military collar, turned back cuffs, three outside pockets with flap, one in side pocket, skeleton lined. Shades—grey, dark brown and olive brown with stripe. Price, $17.50.



AUTOMOBILE GLOVES AND GAUNTLETS.

Patent "Ristfit" gloves, made tight around the wrist by pulling straps. Instantly released by pulling tab. Full description and prices, see page 192.

LEGGINGS.

For full assortment of leggings see pages 197-198.

AUTOMOBILE ROBES.

For Winter.

Made of best grade mackinaw lined with mackinaw, with an interlining of oiled silk. Very strong, durable and warm, and guaranteed absolutely wind and waterproof.

We make these up in a great variety of plain colors and brilliant plaids. A full line of samples mailed upon request. The same grade of mackinaw is used as in our famous mackinaw clothing.

Size 72 in. long and 56 in. wide. Price, $15.25.

Mackinaw robe for moderate temperature, one thickness mackinaw, 72 in. long x 56 in. wide. Price, $7.60.

For Summer.

Best quality linen duster, edging on all sides.

Full size. Price, $2.75.

Shower proof robes, made of Gabardine or Roseberry. For description of this material see page 173. 72 in. x 56 in. Price, $6.70

Special sizes and materials to order.

AUTOMOBILE ULSTERS.

For winter wear we especially recommend the automobile ulsters made with mackinaw, lined with mackinaw or other material and interlined with our wind and waterproof interlining. This makes the ulster absolutely wind and waterproof and is more satisfactory than fur.

For full line of automobile clothing see under Clothing, pages 160 to 191.

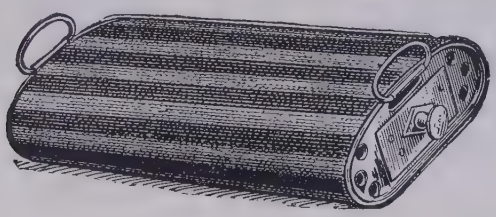
AUTOMOBILE WATERPROOF CLOTHING.

See under Clothing.

The most satisfactory waterproof garments for automobile wear are the "Fairy" Rubber very light weight rubber shirts, coats, trousers and skirts. These are our own exclusive make and not obtainable elsewhere. See page 181.

FOOT WARMER.

For Automobiles, Carriages and Sleighs.



A thoroughly practical and satisfactory heater for use in cold weather. Gives a strong steady heat without flame, smoke or gas. Will burn without any attention for from 12 to 15 hours and will heat comfortably the largest closed car in the coldest weather. For open cars it will be found invaluable as a foot warmer and for this purpose should be covered with a small rug or piece of carpet. Burns patent coal bricks which are first ignited and placed in drawer of heater, after which they require no attention.

Weight $4\frac{1}{2}$ lbs.....Price, $2.00

Patent coal bricks. Weight $7\frac{1}{2}$ lbs. to the dozen. Price, per doz. .75

AUTOMOBILE STORM HOOD.

This hood is very carefully made to fit over the dashboard, strapping down tight along the top and sides and running well back of the front seats. Made of Pantasote leather and forms a perfect protection against rain and cold. Cuts out every bit of wind so that the heat from the exhaust pipe of the ordinary gasoline motor gives sufficient warmth without any further protection for those who occupy the front seats. Made for all sizes and styles of cars. In ordering these for your car, state the model, year and maker's name. Very easy to detach and stow away under the rear seat.....Price, $13.50

TANALITE AUTOMOBILE COVERS.

These are the most compact and satisfactory automobile covers for touring. They can be quickly placed over the car at night, are absolutely waterproof, very light in weight and pack into a very small space. See description of our Tanalite material on page 12.

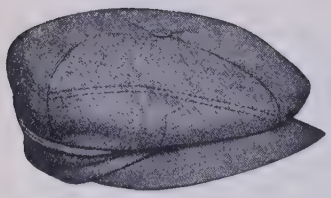
Cover for tonneau size 18 ft. x $13\frac{1}{2}$ ft. wide, packs into a bag 22 in. x 6 in.

Runabout size 12 ft. x 9 ft., weight $5\frac{1}{2}$ lbs.....Price, $10.00

Small Tonneau, 15 ft. x 9 ft., weight $6\frac{3}{4}$ lbs.....Price, 12.50

Large Tonneau, 18 ft. x $13\frac{1}{2}$ ft., weight 12 lbs.....Price, 18.40

NO. 1.



No 1.

Automobile cap, stiff visor, fancy all wool mixture, with turn down back, snap button on peak, made very full, flap over crown, lined.
Price, $1.00

NO. 2.

Dark Oxford, cravanetted Covert cloth, same style as No. 1.
Price, $1.25.

NO. 3.

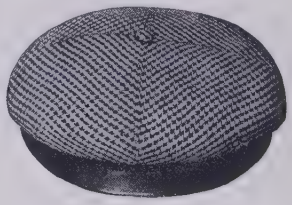
Light Tan, Covert Cloth cravanetted, same style as No. 1.....Price, $1.25

NO. 4.

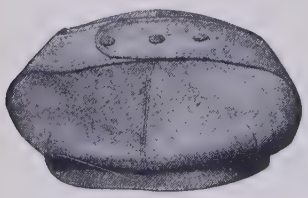
Stiff leather covered visor, all wool mixture, leather pipe back. Price, $1.00

NO. 5.

Shepherd's plaid, tan leather, stiff vizor, same style as No. 4. Price, $1.25



No. 4.



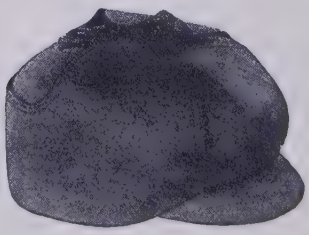
No. 6.

NO. 6.

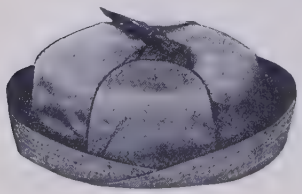
Light brown Covert Cloth, cravanetted, full top, snap buttons on peak, three adjustable snap buttons on top. Pull down back and sides.
Price, $1.25.

NO. 7.

New style Tourist, made of Roseberry cloth, silk lined, very stylish and well designed.....Price, $2.00



No. 7.



No. 8.

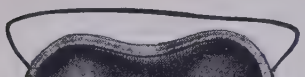
NO. 8.

Newest style automobile cap, made of dark green Roseberry cloth, also different shades, double turned down vizor, with ear tabs, silk lined, very stylish and handsome....Price, $2.50

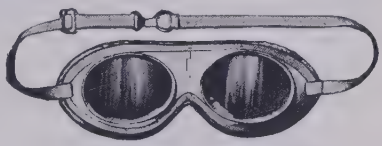
GOGGLES.

A carefully selected line imported by us from the best makers in Europe.

No. 1. All-wire, fine mesh, leather bound, with elastic, very serviceable and strong. A perfect protection from sand and insects. Price, 20c.



No. 2. Aluminum frame, hinged center to fold, lined with leather, edged with satin and chenille, large oval aluminum cups with flat glasses, adjustable elastic headband. Price, 40c.



No. 3. All soft rubber with ventilated rubber eye cups, large curved white glasses, adjustable elastic headband. Price, 75c.

Extra smoked or amber glasses which can be instantly inserted, per pair, 40c. extra.

No. 4. Collapsible silvered wire gauze cups, small silk mask, lined with soft leather, edged with chenille and velvet around the eye parts, large oval curved glasses, adjustable elastic headband. Price, $1.25.

Broken glasses easily replaced. White glasses replaced, single lens, each 25c., or 40c., per pair. Colored, smoked or amber, single lens, 40c. each, or 60c. per pair.

SNOW GOGGLES.

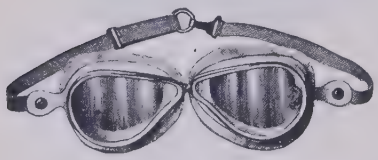
No. 5. All-metal cups, outside nickel, lining black, scientifically arranged slits which permit unobstructed view, soft leather mask, lined with green silk and padded, adjustable centre, and adjustable elastic headband.

Price, $2.00.

No. 6. Collapsible serge eye cups, edged with velvet and chenille, leather nosepiece and tabs, large oblong curved glasses with patent hinged metal rims, extra lenses very easy to insert. Give unobstructed side vision. Adjustable elastic headband. Price, $2.00.

GOGGLES AND EYEGLASSES—Continued.

No. 7. Nickel frame, large size jointed metal nosepiece, to fold, collapsible silk eye cups, flat oval glasses, edged with chenille, adjustable elastic headband, silk tabs, especially adapted for wearing over other glasses. Price, $2.25.



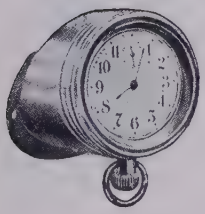
No. 8 Silvered metallic gauze collapsible cups, extra large special form curved glasses, running to bridge of nose; nickel frame with hinge center to fold, edged with velvet and chenille, leather tabs, adjustable elastic headband, very serviceable and satisfactory. Goggles packed in stiff leather case. Broken glasses easily replaced. White glasses replaced, single lens, each 25c., or 40c. per pair. Colored, smoked or amber single lens, 40c. each, or 60c. per pair. Price, $3.50.

No. 9. Large, one-piece curved glass, giving maximum range of vision, silvered metallic gauze cups, edged with velvet and chenille, leather tabs, adjustable elastic headband, in leatherette wooden case. Price, $4.00. Extra one-piece lens, 60c.

No. 10. Collapsible, gilt-wire gauze cups, oval curved lenses, bayonet end piece, edged with chenille, small leather mask, with large detachable leather mask, lined with silk, in stiff leather case. Price, complete, $5.00.

Broken glasses easily replaced. White glasses replaced, single lens, each 25c., or 40c. per pair. Colored, smoked or amber, single lens, 40c. each, 60c. per pair.

THE INGERSOLL AUTO CLOCK. IN MICA HOLDER.



The best and most practical watch for automobiles or motor boats—accurate, durable and handsome. The movement is specially constructed to withstand rough usage on the road and will keep time under the hardest conditions. Holder is a mica composition, beautifully finished in brilliant black and impervious to weather, acids, oils, heat and cold and both dust and water proof. Watch is off set and has a dial with heavy numerals and hands for long distance reading. The watch can be removed (if you know how) and worn in the pocket if desired. Price, $4.00

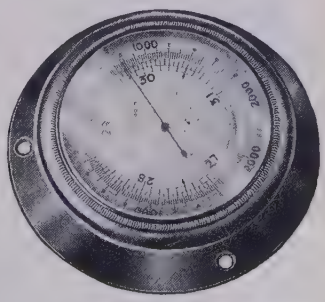
INGERSOLL AUTO CLOCK (METAL HOLDER.)

Movement same as above but fitted to a holder of polished brass—handsome and inexpensive..... .....Price, $2.00

WATCHES AND WRISTSTRAPS.

The handiest and most convenient form of wearing a watch for the motorist. Watch is always in plain view and never lost. See pages 106 and 196.

AUTOMOBILE ANEROID.



The only accurate instrument for determining the grade or showing the ascent or descent. Best English make, imported exclusively by us. Graduated to 20 feet and compensated for temperature. Revolving scale mounted on metal plate dial shows ascent 2000 feet in black and 2000 feet descent in red from any given point. The instrument accurately records the number of feet rise or drop and in connection with an accurate odometer it is a very simple matter to figure out the grade. May also be used as an aneroid barometer. Weight, 10½ ozs. Diameter of dial, 2½ inches.

Price, $16.00.

SELF-COOLING WATER BAG.

The best means for carrying water in arid countries. Slung over the side of car, will keep water nearly ice-cold. See page 151.

LIQUOR CANTEENS.

The best container for carrying alcoholic liquors. See page 150.

FLASKS.

Best make and guaranteed against leakage. See page 151.

WATER FILTER.

On extensive touring trips it is often necessary to drink water which may be questionable. The Berkfeld filter removes all taint and is a valuable equipment for such trips. See page 78.

THERMOS BOTTLES AND JARS.

Recommended most highly to motorists for all purposes. These bottles will do everything claimed for them and nothing is too good to say in their behalf. See pages 152-153.

GOAT SKIN BOTTLES.

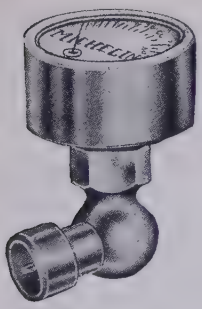
These are the genuine Basque Shahakoa, made in Northern Spain entirely by hand out of one piece of goat skin and rendered waterproof by a secret process. Preserves the flavor, coolness and purity of the liquid contained, without altering its color or taste. The cork is made in two sections of unbreakable horn. Made very soft and pliable, easily rolled up and put in the pocket when empty. These bottles make the best flasks for carrying wine or alcoholic liquors. They have been known in Europe for many generations and are now for the first time introduced in America by us.

1 Pint, $1.50. 1 Quart, $1.75. 1½ Quart, $2.00
2 Quart, $2.25. 1 Gallon, $2.75.

AUTOMOBILE NESTED DRINKING CUPS.

Cups of white metal, nickel plated, gilt lined. 2½ inches deep, 2 inches in diameter. Six cups nested in black leather case, size over all, 2¼ inches in diameter, 3¼ inches deep.

Price complete, $1.75.



MICHELIN PRESSURE GAUGE.

Your tires will last twice as long if they are properly inflated. There is no way of accurately determining the pressure in your tire except with the use of this gauge, which is very simple. Remove the valve cap and press the tester firmly over the valve. A pin forces the valve plunger down, admitting the air to the gauge, which instantly records the pressure; pull off the tester and inflate or deflate until the proper pressure is secured. See the table given below.

The use of this little instrument will reduce your tire bills to the minimum. Price, $3.00.

First find the weight per tire. One-half of your car is usually heavier than the other. One-half the weight of the heavier half of your car is the "Weight per Tire."

American	Maximum Pound Weight per Tire	Inflated Tires According to Table Below: Actual Weight per Tire	Pounds of Inflation Pressure Required
28x3	500	300 lbs. to 400 lbs.	50
30x3		400 " " 500 "	60
28x3½	700	400 " " 600 "	60
30x3½			
32x3½	800	600 " " 700 "	70
34x3½		700 " " 800 "	75
36x3½			
30x4	850	650 " " 800 "	60
32x4	1000	800 " " 950 "	70
34x4	1100	950 " " 1100 "	75
36x4			
32x4½	1100	700 " " 900 "	60
		900 " " 1100 "	70
34x4½	1300	1100 " " 1300 "	80
36x4½			
34x5	1400	1100 " " 1300 "	70
36x5	1600	1300 " " 1600 "	80

HOW TO WEIGH A CAR.

You must know the weight of your car when it is loaded with all tackle and accessories, water and gasoline tanks filled, luggage and all seats occupied.

To obtain the exact weight of a car it is necessary to use a platform scale, i. e., any scale that has a platform sufficiently large to take the entire weight of the car.

1. First weigh the whole car.
2. Next weigh the back of the car. To do this, the middle of the step of the car should be over the edge of the platform scale.
3. The front of the car is weighed in the same way, the middle of the step being over the other end of the platform.

If this is carefully done, the last two weights, when added together, should give within 20 pounds the total weight of the car.

Keep the wheels of the car in the middle of the scale.

TIRES.

All Makes Sold at Lowest Restricted Prices.

MICHELIN TIRES.

Made in

Round Tread Clinchers,
Flat Tread Clinchers,
Anti-Skid Clinchers,
Quick Detachable Round Tread.
Quick Detachable Rims. Demountable Rims.
Michelin Specialties and Accessories.
Complete Price Lists upon Request.

DIAMOND TIRES.

Made in

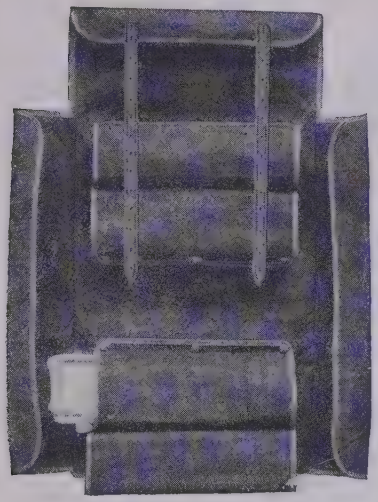
Regular Round Tread,
Bailey "Won't Slip" Tread,
Grip Anti-Skid Tread,
Fisk "Heavy Car" Type.
Quick Detachable Marsh Rims.
Diamond Specialties and Accessories.
Complete Price Lists upon Request.

GOODRICH TIRES.

Made in

Regular Type, Round or Flat Tread,
Quick-Detachable Type, Round or Flat Tread,
Regular Type, Bailey "Won't Slip" Tread
Quick-Detachable, Bailey "Won't Slip" Tread,
Regular Clincher Rims. Quick-Detachable Rims.
Goodrich Specialties and Accessories.
Complete Price Lists upon Request.

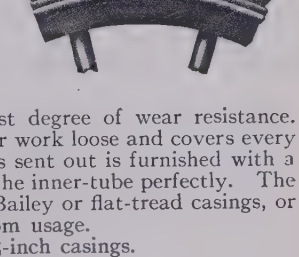
"A. & F." INNER TUBE CASE.



The best and only really practical inner tube case ever put upon the market. Many automobilists carry extra inner tubes crammed away in any old place that is handy and when same are to be used generally find them cracked, damaged from coming in contact with the sharp edges of tools or ruined by oil or grease. The "A. & F" case protects the tubes absolutely against damage of any kind and is handy and quick to get at. Made of strong brown waterproof canvas, bound with heavy tape, rolls up snugly and fastens with a strap and buckle. The pockets for the tubes fasten with strong snap buttons and are instantly accessible.

	Price
No. 1. Holds 1 inner tube	$1.25
No. 2. Holds 2 inner tubes	2.00
No. 4. Holds 4 inner tubes	3.50

WILES PATENT TIRE SLEEVES.



Of inestimable value to motorists, especially for touring, and should be included in every automobile outfit. It is the strongest and most durable form of sleeve or tire protector made and will outwear any other type. This sleeve, in comparison with other makes, is very easy to apply, requires only a quarter of the time and there are no bothersome laces required. It is made of the very best quality of rubber and Sea Island fabric and possesses the highest degree of wear resistance. The Wiles sleeve absolutely will not creep or work loose and covers every portion of the tire exposed. Each sleeve as sent out is furnished with a "Diamond" blow-out patch which protects the inner-tube perfectly. The $4\frac{3}{4}$-inch size is intended for use on $4\frac{1}{2}$-inch Bailey or flat-tread casings, or old casings that have become stretched from usage.

The $5\frac{1}{2}$-inch size is used the same on 5-inch casings.

Prices.

No. 1 Size, 3 inch.....	$1.50	No. 4 Size, $4\frac{1}{2}$ inch.....	$2.25
No. 2 Size, $3\frac{1}{2}$ inch.....	1.75	No. 5 Size, $4\frac{3}{4}$ inch.....	2.25
No. 3 Size, 4 inch.....	2.00	No. 6 Size, 5 inch.....	2.50

No. 7, Size, $5\frac{1}{2}$ inch.....$2.50

HOPEWELL OUTER SHOE CASE.

The best case made for the protection of spare tires, having an endless spiral spring closing both edges. No water can ever enter the tire, even when washing car with hose. Made of enamel duck, black only.

All sizes..... $4.00
Fabric leather, black 5.00
Fabric leather, all colors..... 6.00

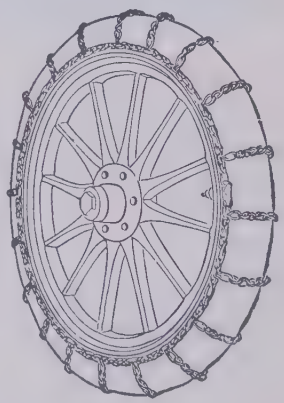
In ordering always specify the style and size of shoe for which you wish the case.

WEED TIRE CHAINS.

It is absolutely necessary in touring over wet or slippery roads to carry some device that will give positive traction and prevent slipping.

Weed chains now made with brass plated cross chains which greatly decrease the injury caused to the tire.

Size	Price	Size	Price
28x2½	$5.00	33x4	$9.50
30x2½	5.50	34x3	9.50
28x3	6.50	34x3½	9.50
28x3½	6.50	34x4	9.75
30x3	7.00	36x3	9.75
30x3½	7.00	34x4½	10.00
32x3	8.00	36x3½	10.00
30x4	8.50	36x4	10.00
30x4½	8.50	36x4½	10.50
32x3½	8.50	34x5	10.50
32x4	9.00	36x5	11.00
32x4½	9.00		



Extra Cross Chains.

Size 2½ in.	Price $0.05 each	Size 4 in.	Price $0.09 each
Size 3 in.	Price .07 each	Size 4½ in.	Price .10 each
Size 3½ in.	Price .08 each	Size 5 in.	Price .12 each

The Weed Chain Adjuster.

Prevents the chain striking the mud guard or making the clanking noise when in rapid motion and keeps the chain taut.

Price, per pair, any size..... $1.00

FOX TIRE CHAINS.

The New Chain.

Showing Cross Link.

The Fox non-skid chains consist of flat links of steel, stamped from specially manufactured case-hardened sheet steel, bent and interlocked in such manner that the links lie flat against the tire and present a rough surface to the road. This positively prevents skidding and gives increased traction with no corresponding wear of the tire. The steel links are so constructed that the interlocked ends, being lower than the exposed wearing surface of the links, are perfectly protected from wear. This novel construction makes the Fox Non-Skid Chains many times more durable than any anti-skid chains ever produced. The link cross chains are fastened to flat steel wire chains which extend around both sides of the tire. The ends of these side chains are brought together and locked by the Fox Patent Chain Clamp which is so constructed that all slack occasioned by stretching or wear can readily be taken up without the use of springs or turn buckles. This contrivance prevents creeping and so increases the traction. It is simple and easy of adjustment and insures an absolutely noiseless chain.

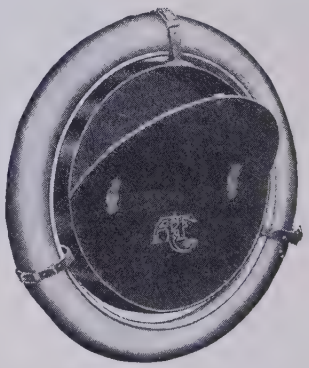
For 36x4, 36x4½, 35x5	Tires.....	Price, each,	$20.00
For 34x4, 34x4½, 34x5	"	" "	18.50
For 32x4, 32x4½, 32x5	"	" "	17.50
For 30x3, 30x3½, 30x4	"	" "	16.00
For 28x3, 28x3½, 28x4	"	" "	15.00

COMBINATION TIRE AND TRUNK LOCK.

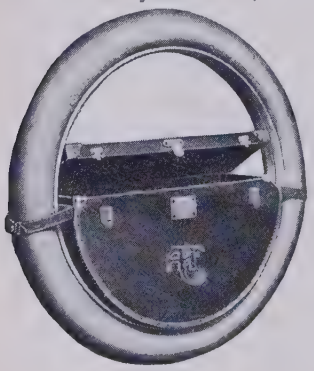
Made of heavy brass, highly polished. Two divisions to hold outer shoes screwed to running board, screws being covered when tires are in place; the upper bar can be riveted to tire trunk adjustable to any size tires.

Price, complete with 2 Yale locks..... $6.00

TIRE TRUNKS.



Made to fit inside the extra tire or tires carried on the running board on side of car. Made of three veneers hard wood treated with a special waterproofing process—color black. The top half of side is hinged and drops down when opened—concealed lock at top. Fitted with necessary straps and lock buckles for attaching to tires. In ordering state size tire you use and whether you wish the case to fit inside of one or two tires. A very handy place to carry tool roll, inner tubes, etc., thus avoiding disturbing the passengers in the tonneau when repairs or adjustments are necessary.



Price for single tire (depth 6 inches) $12.00

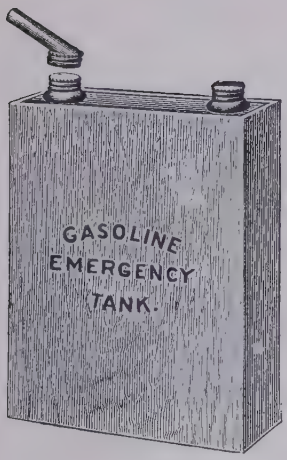
Price for two tire case (depth 9 inches)..... $14.00

Painted in special colors, $2.00 extra.

Half tire trunks made of enamel duck, steel frame, waterproof, made to fit inside lower half of tire.

9 inches deep (in black) Price, $7.25

In colors.....Price, 8.50



GASOLINE EMERGENCY TANK.

Has wooden cover and holds 1 gallon. Should always be carried when car is not equipped with auxiliary gasoline tank.

Price, 75 cents.

HYDROMETER.

For testing non-freezing solutions. The best non-freezing solution for use in a water cooled car in winter weather is a mixture of denatured alcohol and water.

The following table is accurate:

20% Solution (1 quart of alcohol added to 1 gallon of water) freezes at about 10 degrees above zero.

30% Solution (1½ quarts of alcohol added to 1 gallon of water) freezes at about 5 degrees below zero.

40% Solution (2½ quarts of alcohol added to 1 gallon of water) freezes at about 20 degrees below zero.

50% Solution (4 quarts of alcohol added to 1 gallon of water) freezes at about 50 degrees below zero.

As the alcohol evaporates and the percentage becomes less the whole mixture usually has to be thrown away and a new solution made. To avoid doing this the alcohol hydrometer becomes a necessity. A small quantity of the solution in the radiator can be drawn off, placed in the tube and the instrument instantly records the temperature at which the solution would freeze, thus making it easy to add sufficient alcohol to the solution in order that it will not freeze at any desired given temperature.

Size 4 in. x 1 in., weight, 2 ozs.....Price, $1.00

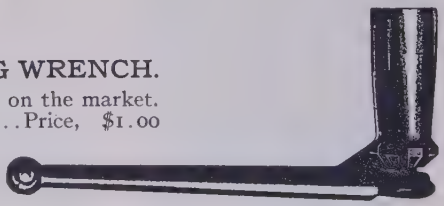
Hydrometer for testing the specific gravity of gasoline,..... $ .75

FUNNELS.

The best funnel on the market is here shown, made of brown waterproof canvas, lined with gasoline proof material. Metal parts spring steel. Proof against rust. Strainer prevents water and small particles of dirt from passing through the funnel. Open, diameter $7\frac{1}{2}$ inches, depth, $5\frac{1}{2}$ inches. Folded into space $7\frac{1}{2}$ inches by $3\frac{1}{2}$ inches by $1\frac{1}{2}$ inches. Price, each, $1.35.

PICK UP SPARK PLUG WRENCH.

The best spark plug wrench on the market.
New design.....Price, $1.00

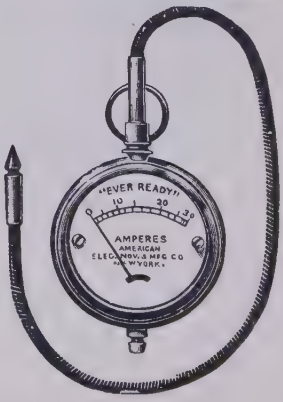


POCKET METERS.

"Ever Ready" hand calibrated.

Ammeter, 0 to 30 amperes. $3.00
Volt-Ammeter, 0 to 30 amperes and 0 to 14 volts..... 4.00
Volt-Meter, 0 to 10 volts.... 3.00

Each instrument packed in a chamois leather case.



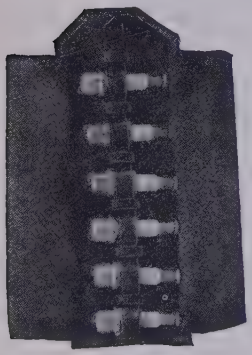
ELECTRIC CIGAR LIGHTER

Imported, best on the market. Nickel plated, ebony handle, nickel plated dash holder. Operated by storage battery; can be attached anywhere on car. By pressing an ivory button the platinum heats to the glowing point.....Price, $7.50

RATCHET SPARK PLUG WRENCH.

Quick and handy. By simply turning over works either right or left.

Price, 75 cents.



SPARK PLUG CASE.

Made of enamel duck bound with tape. Fitted with sliding strap with loops to hold 6 plugs. Price, 25 cents.

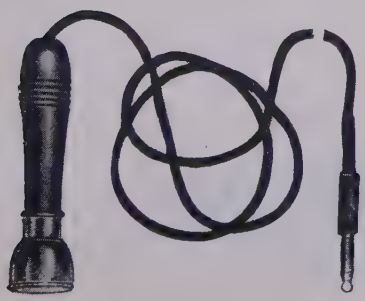
Made of Pantasote and leather strap, Price, 75 cents

COMBINATION VALVE TAP AND DIE.

This little tool should be carried in every car. The threads of an inner tube are apt to become battered and can be recut quickly with this tool, saving much annoyance.

Packed in wood box $2\frac{3}{4}$x1$\frac{1}{4}$x$\frac{1}{2}$ ins.....Price, $ .25

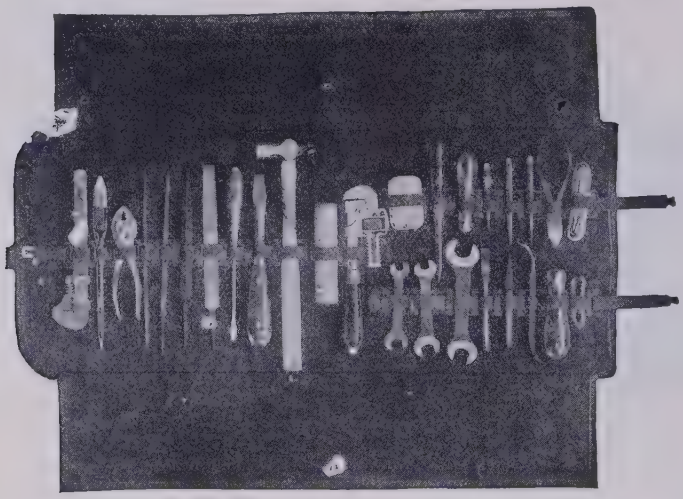
CONNECTICUT EXPLORING LAMP.



Easily attached to your battery by inserting plug into the plug switch on your coil. Absolutely necessary in locating trouble at night and avoiding the danger of igniting gasoline fumes. Packed in leather case in wooden box.

Price, complete with plug, $3.50

AUTOMOBILE TOOL KITS.



NO. 1 TOOL KIT. Price, $5.80.

1 Knurled Center Punch.
1 Side Cutting Plier, 5 inch.
1 Round Bastard File, 7 inch.
1 Square Bastard File, 8 inch.
1 Mill Bastard File, 7 inch.
1 Screw Driver, 4 inch.
1 Wrench, 8 inch.
1 Bicycle Wrench.
1 Cape Chisel, ¼ inch.
1 Cold Chisel, ½ inch.
1 Solid Punch No. 3.
1 Solid Punch No. 6.
1 Machinist's Hammer.
1 Combination Plier, 6 inch.
1 Three Cornered Steel Scraper, 4¼ inch Blade, with Handle.
1 Cotter Pin Lifter.
1 Box Assorted Cotter Pins.
1 File Handle.
2 Pieces Copper Wire.
1 Box Assorted Spring Lock Washers.
Weight of Roll, with Tools, about 6 lbs.

NO. 2 TOOL KIT. Price, $8.50.

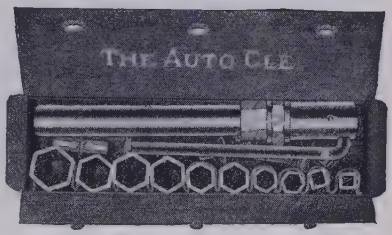
1 Center Punch.
1 Round Bastard File, 8 inch.
1 Square Bastard File, 8 inch.
1 Mill Bastard File, 8 inch.
1 Regular Taper File, 8 inch.
1 Side Cutting Plier, 6 inch.
1 Machinist's Hammer.
1 Nickel Plated Combination Plier, 8 inch.
1 Perfect Screw Driver, 5 inch.
1 Perfect Screw Driver, 9½ inch.
1 Cold Chisel, ½ inch.
1 Cape Chisel, ¼ inch.
1 Solid Punch No. 3.
1 Solid Punch No. 6.
1 Three-Cornered Steel Scraper, 4½ inch Blade with Handle.
1 Wrench, 10 inch.
1 Stillson Wrench, 10 inch.
1 Engineer's Wrench, Double End, 3-16 and 5-16 inch.
1 Engineer's Wrench, Double End, ¼ and ⅜ inch.
1 Engineer's Wrench, Double End, ⅜ and ½ inch.
1 Cotter Pin Lifter.
1 File Handle.
1 Copper Soldering Iron, ½ lb., with Handle.
1 Piece, 36 inch, Soft Solder.
1 Soldering Stick.
2 Pieces Copper Wire.
1 Box Assorted Cotter Pins.
Weight of Roll, with Tools, about 11½ pounds.

AUTO CLE WRENCH SETS.

Very handy in reaching inaccessible parts of the car. Will fit any nut and the ratchet movement can be changed to work in either direction or made rigid by slipping the ring up or down. Gives great leverage, strong and very simple.

In leather case containing ten sockets Price, $10.00

Large set in wooden box, 32 sockets..... 12.00



TITUS CLE WRENCH.

Seven Sockets..... Price, $5.00

AUTOMOBILE STOOLS AND CHAIRS.

Made with upholstered imitation leather seats, in black, brown and red. Very strong, nickel plated steel frames. Fold in very compact space. Stool 15 in. high, size of seat, 11x11 in.; weight, 4¾ lbs..... $2.00

Stool 17 in. high, size of seat, 11x11 in.; weight, 5¼ lbs... 2.25

Chair (with back) 17 in. high, size of seat 11x11 in.; weight, 6¾ lbs..... 2.50

Chair (with back) 17 in. high, size of seat, 12x12 in.; weight 7½ lbs..... 3.00

Large size chair folds into a space 16 in. x 12½ in. x 4 in.

COAT RAIL BAG.

One of the handiest fittings in the equipment of the modern motor car. Suspended from the coat rail and does not interfere in any way with the use of the rail for other purposes. Just the thing for carrying coats, wraps, waterproofs and other things which are wanted handy. The bag has one large pocket for dusters, waterproofs, etc., two medium pockets of proper size for books, maps, etc., and two small pockets for goggles and the like.

They are made of pantasote leather, in all colors, which is very durable, absolutely waterproof and unaffected by grease. They are very strongly made, neatly finished, have straps for attaching to coat rail and all pockets fasten with snap-buttons.

No. 1.	Length, 24 inches.	Depth, 18 inches.
No. 2.	Length, 30 inches.	Depth, 18 inches.
No. 3.	Length, 36 inches.	Depth, 18 inches.

Price, either size, $4.50.

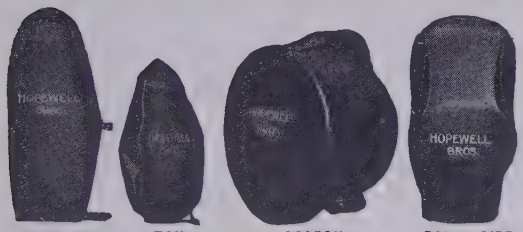
Special sizes promptly to order.

INDIA AUTOMOBILE STONE.

This stone should be in every automobilist's kit for use on contact points or vibrator coils and grinding or smoothing rough surfaces. The skipping of the engine is generally caused by "pitting of the contact points." These points are very sensitive, being made of platinum. A file should never be used on them, as it leaves a rough surface, which tends to increase the pitting and to eat away the contact points. A smooth polished surface is easily obtained by using the automobile stone, which eliminates sticking. Should be used dry and cleaned with gasoline. Weight, ½ oz.

Price, without case ..... $ .35
Packed in stiff leather case ..... .60

LAMP COVERS.



SQUARE SIDE TAIL SEARCH ROUND SIDE

These covers are water, oil and grease proof, and are not affected by heat or cold. A good fit is guaranteed. Made in fabric leather, all colors. In ordering give lamp number and manufacturer's name and specify whether the lamp is with or without handle. To insure a perfect fit, it is necessary for us to know the year in which the lamp was put upon the market and whether it has straight or flare front.

OIL LAMPS.

Small Tail Light	$1.00
Small Side or Large Tail Light	1.25
Large Side Light	1.50

GAS LAMPS.

Small Search Light	$1.50
Medium Search Light	2.00
Large Search Light	2.25

CALCIUM CARBIDE.

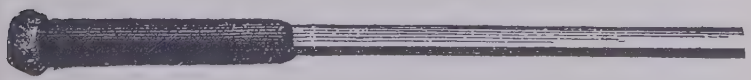
The carbide we handle is made especially for automobile and small light use and is guaranteed pure and correct size. It is far better in every way than the lump or loose carbide usually sold as it generates evenly and gives a smooth, continuous flow of gas.

For convenience in handling and transportation we are now packing this carbide ourselves in specially made cans, handy and convenient, as follows:

1 pound.	In screw-top tin can	Per can	$ .10
2 pound.	In screw-top tin can	Per can	.20
5 pound.	In friction-top tin can, with handle	Per can	.45

Large quantities in bulk at special prices.

"TORCH" SAFETY MATCHES.



Will strike and burn even when wet. Gives a bright flare for 20 seconds and cannot be blown out. Light only on the box.

Paper Box of 10 Matches	$ .05
Tin Box of 100 Matches	.35

(Cannot be sent by mail.)

Copyrighted

FISHING TACKLE

It is our constant aim to encourage and promote the use of fine fishing tackle.

Not only does it afford much greater satisfaction, but will, in the end, prove less expensive. The initial cost is greater, of course, but the constant outlay for repairs and replenishing of cheap tackle will soon exceed the cost of a fine outfit, which, with care, will last for years.

Aside from this, every angler has a subtle and genteel pride in the possession of an outfit which he knows is above reproach.

Quality is always our first consideration and we assure our patrons that we have spared nothing to create and maintain a line of fishing tackle whose superiority cannot be questioned, and which carries our unqualified guarantee of honest make and perfect quality.

Beside our own wide experience, we are in constant touch with angling authorities the world over and we will be pleased to advise or assist patrons in the selection of the proper tackle and correct equipment for waters with which they may be unfamiliar.

We have unequalled facilities for the manufacture of special goods, which is a large part of our business, and will be pleased to execute orders for such goods as we do not catalogue or import specialties from abroad at advertised prices.

FISHING

By Lou S. Darling

For the benefit of beginners and those not familiar with the sport we give a few brief suggestions which will be found of service, both as to the selection and use of proper tackle and equipment.

Such points as we do not cover herein we will be glad to take up by correspondence and advise inquirers to the best of our ability.

CASTING THE FLY.

Hold the rod firmly but easily, with the thumb pointing in line with the rod. Pull a little line from the reel and begin casting easily—don't thrash. Bring the rod back over your shoulder with the top inclined a little to the right. Keep your elbow close to your side. Never let the rod go very far behind—a little past the vertical is about right.

Let the rod go forward until it is nearly parallel with the water. Make the forward cast with an easy, sweeping motion—don't whip the rod. Try to cast so that the flies will fall lightly and the line straight.

To make the back cast, pull in any slack line with the left hand and begin the cast slowly but accelerate the motion until it ends with a sharp backward movement of the wrist—almost a jerk. Hold the rod nearly vertical and wait for the line to straighten out behind—if you start forward too soon or too sharply you will snap the flies off.

A little practice will teach you how long to wait between casts— a good way is to wait until you feel the pull of the line against your rod tip. Don't worry about casting a long line—30 or 40 feet is enough for most fishing. Remember that the rod should do most of the work and use only your wrist and forearm. See that your line matches your rod—too heavy a line strains the rod and too light a line will not cast at all.

CASTING THE BAIT.

For casting a minnow, small frog, pork rind, etc., a fairly long rod is best and it should be quite pliable. For casting heavy baits such as large frogs, wooden minnows, etc., a rather short and stiff rod is best.

The best method is the "overhead" cast as it is far more accurate and is also less dangerous to others.

The reel should be a good smooth-running multiplyer. Light lines cast better than heavy ones. Stand facing the direction you wish to cast. Reel up your line to within about 18 inches of the end of your rod. Point the rod in the direction you wish to cast. Press your thumb firmly upon the spool of the reel. Raise the rod at easy arm's length straight over your shoulder and as far behind as you can reach naturally, but don't let the tip of the rod go very low behind you.

Start the forward motion easily, accelerating it steadily and finish with a good hard sweep of the rod—the cast should end with the rod held at an angle of about 25 degrees to the water.

Half way in the forward cast begin to release the pressure on the reel and as you finish the cast the thumb should barely touch the spool. As the line runs out ease the pressure gradually but when the bait hits the water the spool should be stopped instantly.

When reeling in the line it should be guided on the spool by the fingers of the left hand and keep a little pull on the line so it will wind snug on the spool.

Distribute the line evenly on the spool and you will have less trouble with snarls.

Should your line get snarled up from a bad cast pull it out by a series of easy little jerks, not a steady pull.

FLY FISHING ON THE STREAM.

OUTFIT.

Fly rod 8 to 9 feet long, weight 4 to 5 ozs. Line as light as can be cast and should be double tapered. Reel optional. Leaders very light and as long as can be handled. Flies, according to size of fish and state of water, sizes 10 to14. A few spinners. Fly book. Leader box. Landing net. Basket and sling strap. Mackintosh waders, (stockings or pants according to depth of water.) Rubber boots will do but are slippery and dangerous. Wading shoes with plenty of hob nails. Woolen underwear. Woolen socks. Heavy socks to wear over waders.

THINGS TO REMEMBER.

Trout do not feed early in cold weather.

Trout always lie with their heads upstream. Big fish keep to the pools and eddies except at night. Little fish love the "riffles." When snow-water is running into the stream you might as well stay home. Imitate the flies *on the water* as much as possible and use a size smaller than the natural insect. Arrange your cast so that one fly will be on the surface and one fly sunken.

Never work your flies against the current –let them follow the natural direction. Keep out of sight all you can. Keep the sun in front of you. Don't over-cast your water—fish close to you at first.

When you "strike" a fish don't yank—a slight twitch of the rod is enough. Don't "hold hard" in rough water—play your fish with an easy bend of the rod and you will save the big ones.

When you get a big fish on, work down-stream with him to a pool or back-water—don't try to force him upstream. Keep a taut line and an up-pull all you can. Fish upstream or with the wind wherever possible. Cast your flies lightly and so as to strike the water first and hold your line out of water all you can. Checking the cast before it is fully extended will cause the flies to strike first. When landing a fish, try to keep below him and net him from behind.

If you get a "rise" from a good fish and miss him, wait a few minutes before casting again. In fishing pools always begin at the lower end and if you hook a fish lead him downstream as quickly as possible so as not to alarm others in the pool. If you get no results from a pool you believe is good fishing, throw in a few big stones, keep out of sight a few minutes and try again. It is a waste of time to fish quiet pools when the sun is bright unless the surface is ruffled by a breeze or you can manipulate nicely a very long line.

If you find the fish taking one particular fly well, put another of the same kind on your cast. Kill your fish as soon as captured—this is best done by placing the fore-finger in the fish's mouth and the thumb over his head, when a backward wrench will break his neck and kill instantly. In very warm weather fill your basket with coarse grass or ferns and occasionally souse the whole in water—the rapid evaporation will keep the fish sweet and cool.

BAIT FISHING ON THE STREAM.

OUTFIT.

Light bait rod and multiplying reel or regular fly rod, line, etc. Medium weight leaders of good length, single gut. Single snell hooks, sizes 6 to 2, sproat or sneck. Large and small split shot. Swivels. Bait box. Insect box ("Hoppercoop"). Disgorger. Basket and sling strap. Landing net, waders, etc.

THINGS TO REMEMBER.

Best bait are bright earth-worms, white grubs, creepers, grass-hoppers, crickets, moths and butterflies, spiders, leeches, blow-flies and minnows. Worms are best if kept a few days in moss to "scour." The best minnow is the little brown "mullychub" which hides under stones in shallow water—keep them moist and they are, when properly baited, as good dead as alive. Leeches are easily obtained around water-cress and other aquatic plants—they will keep indefinitely in black mud. Grasshoppers are easily caught with a butterfly net.

When baiting with worms don't be stingy—use a good sized bait. Don't string or thread the worm on the hook—loop it by passing the hook through twice about an inch apart and stick the point in near the head. Carry worms in the box with fine dry sand. Hook moths, flies, grasshoppers, etc., once through the body. Hook leeches once through the middle. Hook minnows by passing point of hook through mouth and so on through the body, bringing point out near tail.

The minnow should be curved on the hook and will spin in the water. When fishing with minnows use a swivel or two between your line and leader to lessen kinks.

The best time to fish with the worm is when the stream is "roiling" up after a rain and when it is clearing off again and worms are then the best bait. Minnows, grasshoppers, etc., are good at all times. Moths, etc., are best at evening.

If the water be "roily" or discolored the fish will be found feeding all over the stream, but principally in eddies close to shore and back-waters below rocks. Use just enough lead to sink the bait and flip the bait gently here and there in the most likely places. Strike immediately upon a bite. Deep pools are not profitable as a rule but should be tried when biting ceases in the shallows.

When the water is fairly clear keep out of sight as much as possible—it is often necessary to approach a favored spot by crawling. Bait can often be manouvered into inaccessible places by floating on a chip or sticking the point of the hook in the edge of a leaf which is then allowed to float down to the desired spot, when a twitch releases it. In still reaches or gentle currents fish up stream and allow the bait to drift back to you—strike downstream on a bite to recover the slack line. In fishing with insects cast lightly and allow to drift with the current. For such fishing the line should be rubbed with deer fat to float it.

DRY FLY FISHING.

The rod should be fairly long and quite powerful as it is often necessary to cast a long line and to strike hard in order to pick up slack line on the water. The line should be as fine as you can handle and well tapered. Light leaders, 9 feet long. Floating flies on eyed hooks. Eyed fly box. Tweezers and gut cutters. Deer fat for floating the line. Paraffine or "Natare" oil for floating the fly. If "Natare" oil is used the flies may be prepared in advance.

The dry fly is of little success on our streams except in pools and quiet reaches where, in skillful hands, it is exceedingly deadly. The fishing is almost invariably up stream and is as follows: The line should be well rubbed with deer fat and the flies touched with oil. The line is lengthened gradually by making a number of false casts in the air, not allowing the fly or line to touch the water. When the line is extended to the desired length the tip of the rod is lowered and the line and fly allowed to fall of its own weight.

Just before fly strikes the water raise the tip of rod gently to check the line—this will cause fly to strike first and as lightly as a thistle down—this is very important.

The fly should be permitted to drift down quite close before lifting for another cast which should also be done when a bad cast is made, in order not to alarm the fish. The idea is to float the fly naturally over the fish and there should never be the slightest drag or pull on the line—let the fly drift naturally. Always dry your line and fly by switching it smartly through the air several times between each cast and in a different direction from where you believe your fish to be.

GENERAL FISHING.

Our space here is too limited for comprehensive instructions, but we will be pleased at all times to correspond with our patrons and advise on any particular fishing and to recommend outfits.

THE "TOURADIF" ROD.

Split Bamboo—Six Strip.

"The Standard of Excellence."

When we first put this rod upon the market our aim was to produce not a rod as good as others, but *the best.* This we have accomplished, if the instant and continued success of these splendid rods is any criterion. In the hands of expert and amateur alike they are known the world over for their sterling quality and beautiful workmanship.

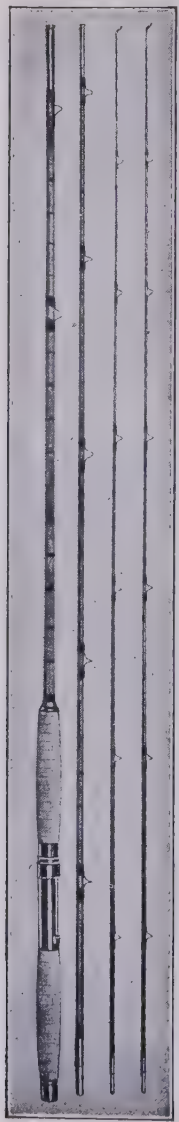
Our tournament rods were first introduced in 1904 and won instant recognition from the foremost casters. They now stand first and in the 1908 tournaments won a majority of the events and many records in competition with the world's best makers.

All "Touradif" rods are made under the immediate supervision of our rod expert, a fisherman of wide experience and a well known Tournament winner, and the workmanship throughout is of the very highest standard attainable. The lines, dimensions and balance are essentially all their own, being most carefully worked out from the results of actual fishing tests and trials—not the mere outcome of a theoretical rod-maker's calculation.

Every part of these rods is made by hand, each workman being a specialist in his department. The wood is selected with great care from the very highest grade of canes, each piece being closely inspected for possible flaws. The joints are glued up, proved and seasoned many months before mounting, and no new or "green" parts are ever used. The ferrules, a most important point, are *waterproof* and are made from a special grade of German silver. They are drawn and redrawn by hand until they acquire almost the hardness and temper of steel, while their patent flexible end allows a perfect union with the rod-joint, doing away almost entirely with the usual breaking strain at that point. The hand-grasps are of fine quality *solid* cork discs, through which the joint runs entire to butt-cap and is the strongest possible form of construction.

Each of these rods possesses that indefinable "something" which is generally expressed as "hang" or "balance," to a degree never even approached by any other rods ever made, and it is in all sincerity and perfect good faith that we claim to produce the *finest and best rods in the world.*

We make a specialty of all kinds of rods to order; also fine repairing; and all such work receives our most careful attention.



"TOURADIF"

"TOURADIF" SALMON RODS.

These magnificent rods are unparalleled for easy handling and fine casting qualities. They are built on our new "double dimension" and from butt to tip they are all rod—every part does its share.

Their resiliency and driving power is so great it is easily possible to cast a very long line with far less effort than with any other rod, while a mere gentle "tip cast" will handle a line of ordinary fishing length perfectly. German silver mounted throughout. Patent flexible waterproof ferrules. Patent locking reel band. Solid cork hand grasps. Detachable palm or body rest. Ring or snake guides. Rod consists of one butt, one middle joint and two tips.

13½ feet long. Weight about 17 ounces.
14½ feet long. Weight about 20 ounces.
15 feet long. Weight about 22 ounces.
16 feet long. Weight about 25 ounces.

Price, either length, $45.00.

Rods finished round, $5.00 extra.

Extra Joints.

Butt, $17.50. Middle, $12.50. Tips, each, $7.50

Larger and heavier rods, up to 18 feet in length, furnished to order, but except for European angling, where the long rod is in favor, they are rarely used.

LIGHT SALMON OR GRILSE RODS.

Made with independent double-grasp handles with locking reel band. They are extremely powerful rods for their weight and are daily becoming more popular. They are quite strong enough for the ordinary run of fishing, with the advantage of being much easier to handle.

12½ feet long. Weight about 14 ounces..... Price, $40.00

Rods finished round, $5.00 extra.

Extra Joints.

Butt, $15.00. Middle, $11.00. Tips, each, $7.00

"GRILSE"

"TOURADIF"
GRILSE TOURIST RODS.

Consists of independent double grasp handle, with locking reel band. One butt, two middle joints and three tips. Tips carried in bamboo tip case. They are splendid rods in every respect and are coming more and more into use each season. Especially desirable for tourists or for those taking long, hard trips as the extra parts practically afford two rods. The action of these rods is particularly quick and snappy and they are far more powerful than their length and weight would lead one to believe. Furnished with long single grasp handle if desired.

11½ feet long. Weight about 13 ounces.....Price, $45.00

"TOURADIF"
TOURIST FLY RODS.

A magnificent rod for the heavy fishing of Canada, Maine and the Northwest. The independent handle method of construction really affords more actual rod than the length and weight would indicate, and consequently more power. They are particularly valuable to tourists and for "roughing it," as the extra parts practically afford two rods in case of loss or breakage.

Rod consists of independent handle with solid cork grasp, one butt, two middle joints, three tips. Tips carried in bamboo tip case.

9½ feet long. Weight about 5¾ ounces.....Price, $40.00

10 feet long. Weight about 6½ ounces.....Price, 40.00

In fine leather carrying case with separate pocket for handle,....Price, $45.00

Any length or weight supplied to order.

"TOURADIF"
TROUT AND BASS FLY RODS.

Built on our famous "double dimension" lines. These rods are quicker in action and more powerful for their weight than any other rod made. They are extremely resilient and pliable and yet have all the strength to lift a long, heavy line from the water and cast true and steady under all conditions. Their balance is so perfect that they have the "hang" of a much lighter rod for any given weight and so constructed that, properly used, the rod does all the work in casting, to the pleasure and comfort of the angler. They are absolutely unequaled for their lightning-like "recovery" and swift, powerful casting qualities, and we have no hesitation whatever in claiming them to be the best rods made in the world. Mounted in German silver throughout. Fine solid cork handles. English snake guides. Waterproof ferrules. Rod consists of butt, middle joint and two tips. Tips carried in bamboo tip case.

Rods will be supplied to order with cane wound or wood handles, any style grasp; with skeleton reel seat; with reel seat above hand and with standing or loose ring guides at same price.

7½ ft. long,	Weight, 2½ to 3 ozs.
8 ft. long,	Weight, 3 to 3¾ ozs.
8½ ft. long,	Weight, 3¾ to 4¼ ozs.
8¾ ft. long,	Weight, 4¼ to 5¼ ozs.
9½ ft. long,	Weight, 5¼ to 6½ ozs.
10 ft. long,	Weight, 6½ to 7½ ozs.
10½ ft. long,	Weight, 7½ to 8½ ozs.
11 ft. long,	Weight, 8½ to 10 ozs.

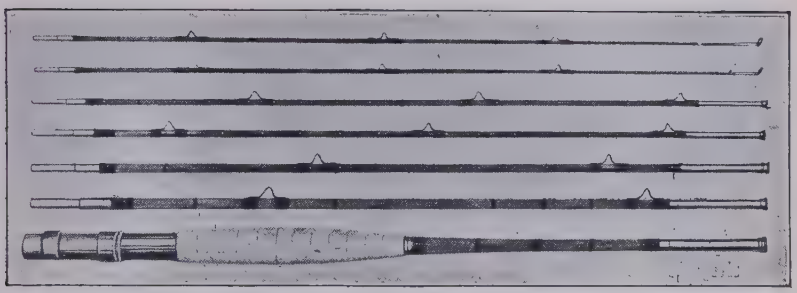
Price each, $25.00.

Made with independent handle..... $30.00

Extra Joints.

Butt, $9.00 Middle, $6.00 Tips, each, $5.00

"TOURADIF" PACK OR BELT FLY RODS.



These little rods have been developed especially to meet the demand for a compact, handy rod which could be easily carried or packed in a small space. They are so perfectly designed that the extra number of ferrules does not interfere in any way with their balance or action.

They are extremely quick and powerful and make splendid casting rods and are daily becoming better known and more used. They will stand all sorts of rough usage and can be depended upon in every way. Rod consists of six pieces and extra tip, 18 inches in length. Length over all, 8¾ feet. Weight, 4½ to 5½ ounces. Put up in fine quality hand-made leather case, 19 inches long, with loop to carry on belt.

Price, complete..... $30.00

Special indestructible fibre cases, leather caps, for very rough packing, absolutely safe. Extra, $3.50. Full leather covered, $5.00.

"TOURADIF" TOURNAMENT FLY RODS

Made to Order Only.

We are now making this grade of rod especially for Tournament Casting. They are made on the lines and dimensions of Mr. Lou S. Darling, an eminent authority on tournament casting. They are so designed as to afford the utmost power in casting for a given weight or length and are the acme of fine rod making. All rods made three pieces and extra tip unless otherwise ordered. Mounted with snake or standing ring guides.

4 Ounce, 5 Ounce or Heavy Rods.....Price, $35.00
Tournament Salmon Rods, 15 foot Regulation..... 50.00

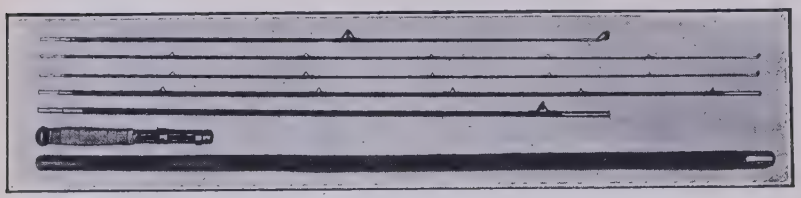
EXTRAS.

Raised agate hand guides.....Each, $1.00
Off-set agate tip tops.....Each, 1.00
Independent handle.....Each, 5.00

Special long extension handles for heavy rods to aid in the recovery of long line, extra, $2.50.

We usually have glued-up stock ready for use in above rods and can furnish in moderately short time.

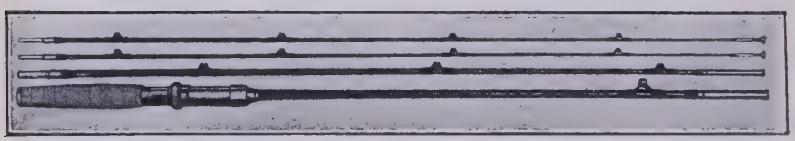
"TOURADIF" COMBINATION ROD.



For general fishing purposes, these rods are invaluable, combining as they do fly rod, bait casting rod and light trolling rod in one. Rod consists of independent reversible handle, with solid metal reel seat, one butt, one middle joint, two tips and one bait casting tip. Makes a fly rod 9½ ft. long, weighing about 5½ ozs., or a bait casting and trolling rod 5½ ft. long. Fly rod mounted with agate guide on butt and English snake on middle joint and tips. Bait casting rod mounted with agate guides throughout. Six piece combination rod, complete.....Price, $45.00

In fine hand sewed leather carrying case..... 50.00

"TOURADIF" BAIT RODS.



Suitable for general bait fishing and light trolling. Solid German silver reel seat with new style locking reel band. Waterproof, flexible ferrules. Fine rolled German silver trumpet guides with new pattern agate hand guide and tip-tops. Solid cork grasp. Regular rod made three-piece and extra tip. Any style grasp or mountings to order.

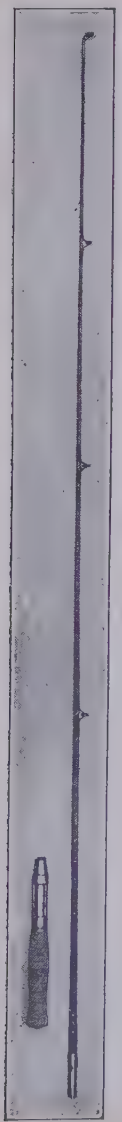
Regular lengths, 5, 5½, 6, 6½, 7 and 7½ feet.....Price, $25.00

Mounted with new pattern narrow raised agate guides, finely polished, extra, $1.00 per guide.

Made with independent handle, to order, extra, $5.00.

Any style grasp, handle, (except independent) reel seat or guides (except agate) supplied to order at same price.

Special lengths to order at short notice.



"BIC"

"TOURADIF" CASTING RODS.

Built on new dimensions and far superior to the old style "quick taper."

These rods are perfection for casting from the reel and their marvelous "speed" reduces muscular effort to a minimum. For general fishing we recommend the one-piece rod with one light and one heavy tip. Fitted with Darling's new model independent handle. Wells or Flegel model handles, (see page 340) supplied at same price. Handles are interchangeable and fit all joints. Mounted with special pattern, narrow high-set agate guides and tip tops which offer the least possible amount of friction. Regular length 5, 5½, 6, 6½ feet. Any length, style of handle or mountings to order.

One-piece rod.....	$25.00
Two-piece rod.....	30.00
One-piece rod and extra joint—	40.00
Two-piece rod and extra joint—	50.00

TOURNAMENT RODS.

For Half-Ounce and Quarter-Ounce Bait Casting. Built on new model designs furnished by Mr. Lou S. Darling.

Hold the world's records for both half and quarter ounce distance casting.

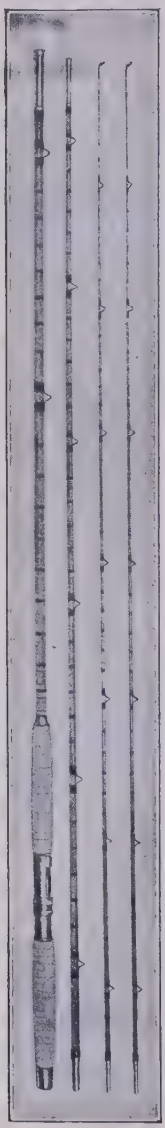
"BIC" CASTING RODS.

Those who desire a good, well made and serviceable "every day" casting rod will find the "Bic" answers every requirement perfectly. Hand made throughout; best German silver ferrules, narrow raised agate guides and offset tip top. Fitted with Flegel handle (see page 340.)

It is a splendid rod in every respect and we guarantee it equal to any twenty dollar rod in the world.

One Piece Rods.....	$15.00
Two Piece Rods.....	17 50

"TOURADIF"



"BIC"

THE "BIC" SALMON ROD.

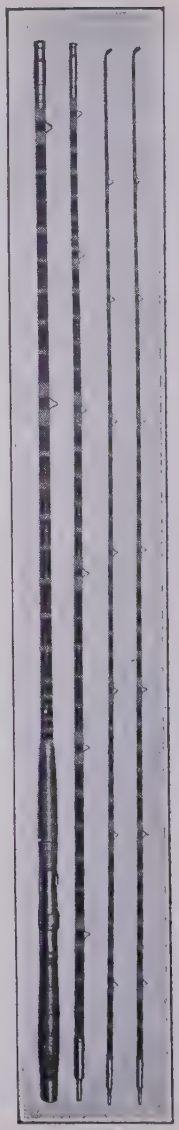
A good, serviceable rod at a moderate price. Strong and honestly made and will give satisfaction. Hand-made throughout, fine extra thick enamel bamboo. Solid German silver mountings. Flexible, serrated ferrules, welted and reinforced. Solid cork double grasp handles. English snake guides. Rod consists of one butt, one middle joint and two tips, put up in canvas partition bag. We have adopted the 14-foot length as a standard, but will furnish to order up to 18 feet at the same price.

14-foot rod, weight about 18 ozs.
Price, $30.00.

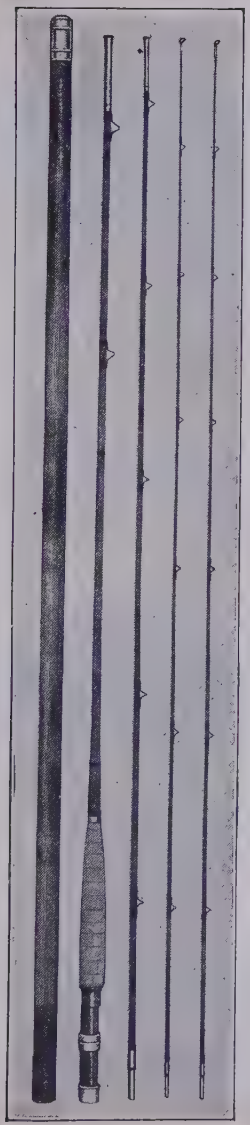
THE "DEE" SALMON ROD.

Finest grade, hand-riven greenheart. We offer this fine rod to meet the demand of those who still prefer the old style "wooden" rod, which we have greatly improved by modern dimensions and superior mountings. Dimensions, mountings and finish the same as our "Bic" rod, with the exception of the handle, which is fine cane wound. Those who prefer this style will find it a most satisfactory and durable rod.

14-foot rod, weight about 24 ozs.
Price, $25.00.
Any length furnished to order at same price.



DEE"



"BIC" TROUT AND BASS FLY RODS.

We are making a specialty of this rod to meet the demand for a fine hand-made rod at a medium price, and we claim them to be superior to any other rod made at anything like the price.

These rods are more powerful than the weight would indicate as the skeleton reel seat we use allows us to put from one-half to three-quarters of an ounce extra wood into the rod, consequently a five ounce "Bic" rod is equal in strength and power to the usual five and three-quarter ounce rod.

The lines and dimensions are the same as our famous "Touradif" rods. Made of carefully selected bamboo, solid German silver mountings throughout. Patent flexible extension ferrules. Solid cork grasp. Open cedar reel seat. English snake guides.

Rod consists of one butt, one middle joint and two tips. Tips carried in bamboo tip case.

8	feet long.	Weight	3	to $3\frac{3}{4}$	ounces.
$8\frac{1}{2}$	" "	"	$3\frac{3}{4}$	to 4	"
$8\frac{3}{4}$	" "	"	4	to $4\frac{3}{4}$	"
$9\frac{1}{2}$	" "	"	5	to 6	"
10	" "	"	6	to 7	"

Price, $15.00.

Rods with solid metal reel seats, to order, at same price.

EXTRA JOINTS.

Butt, $5.50 Middle, $4.50 Tips, each $3.00

"BIC" TOURIST RODS.

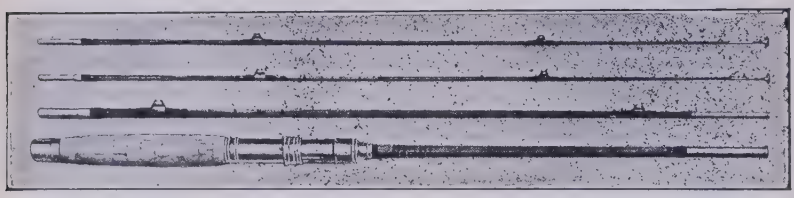
Made to Order Only.

Built on the same dimensions and in the same manner as our "Touradif" Tourist. Any style handle grasp, reel seat, mountings or guides (except agate) supplied at same price. Made with open or skeleton cedar reel seat unless otherwise ordered. Regular rod consists of butt, two middle joints and three tips. Tips carried in bamboo tip case.

Regular model, handle and butt joint in one piece..... $22.00

Special model, with independent handle..... 25.00

"BIC" BAIT RODS.

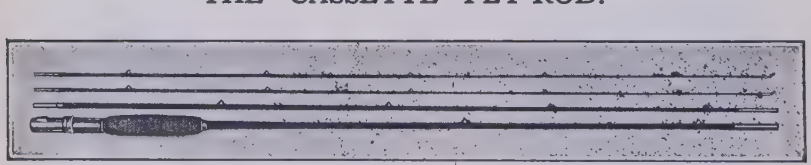


We are now making this popular rod on our new model, and we cannot recommend it too highly for those who want a really good rod at a moderate price. They follow the same general dimensions of the "Touradif" and have plenty of power and "speed" without being heavy and clumsy. They are strictly hand made of superior grade bamboo, selected for its strength and elasticity, and all mountings are of the best. Solid German silver reel seat above hand. Solid cork handle. Fine German silver extension ferrules. Rolled edge German silver trumpet guides and stirrup tip-tops. Rod consists of one butt, one middle joint and two tips.

Regular stock lengths, 5, 5½, 6, 6½, 7½ feet.....Price, $15.00

Any length or style of mounting to order at short notice.

THE "CASSETTE" FLY ROD.



An honest rod at an honest price. Built on carefully designed dimensions, strong, powerful, with plenty of snap and action. We pledge our reputation that the "Cassette" is the best rod made at the price and the equal in every way of many rods sold at a much higher figure.

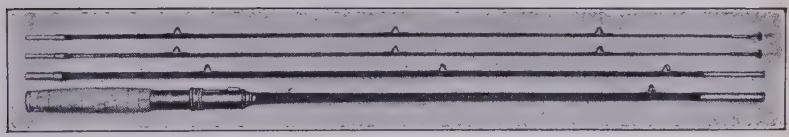
For those who desire a good, sound rod at a modest price we recommend this most highly and warrant them to give perfect satisfaction. Hand made from carefully selected Calcutta bamboo. German silver mounted throughout. Patent serrated ferrules. Solid metal reel seat. Solid cork grasp. English steel snake guides. Rod consists of butt, middle and two tips. Put up on velvet covered form in canvas sack.

REGULAR STOCK SIZES.

8½ ft. long.	Wgt. about 4 ozs.	9 ft. long.	Wgt. about 5 ozs.
10 ft. long.	Wgt. about 6 ozs.	11 ft. long.	Wgt. about 7½ ozs.

Price, $10.00

THE "CASSETTE" BAIT ROD.



A strong, powerful rod and suited to all general purposes for bait fishing and trolling. Hand made from selected Calcutta bamboo and mounted in the best manner. Patent serrated ferrules. German silver solid reel seat. Solid cork handle. German silver rolled edge guides and agate tip tops. Put up on a velvet covered wood form in canvas bag.

Regular Stock Sizes, 5½, 6, 6½, 7½ and 8½ feet .....Price, $10.00

NO. 4 ROD.

Heavy Bass casting or trolling rod. Excellent for deep lake trolling and light salt water fishing. Six strip bamboo. Two pieces and extra tip. Nickel mountings. Heavy welt ferrules. Metal reel seat. Cork grasp. Double guides on tips. Length, 7 feet. Weight about 8 ounces.

Price, $5.00.

NO. 5 ROD.

Six strip. Made from selected "Grape Vine" cane in a most careful manner. German silver mounted throughout. Solid cork handle. Solid metal reel seat. The very best rod at the price ever made and equal to many rods sold for twice the amount. All rods made three-piece and extra tip. Put up on covered wood form in canvas sack.

Fly Rods.		Bait Rods.	
8 ft.	Weight about 4½ ozs.	5½ ft.,	Weight about 5 ozs.
8½ ft.	Weight about 5 ozs.	6½ ft.,	Weight about 5½ ozs.
9½ ft.	Weight about 6 ozs.	7½ ft.,	Weight about 6 ozs.
10 ft.	Weight about 7 ozs.	8½ ft.,	Weight about 7 ozs.
11 ft.	Weight about 8 ozs.		

Price, Fly or Bait..... $5.00

NO. 6 ROD.

Six-strip bamboo, nickel mountings, cork grasp.

Consists of one butt, one second joint and two tips. Mounted on wood form, enclosed in canvas sack.

Fly Rods.		Bait Rods.	
9½ ft.	Weight about 5 to 6 ozs.	7½ ft.	Weight about 7½ ozs.
10 ft.	Weight about 6 to 7 ozs.	8½ ft.	Weight about 8½ ozs.

Price, Fly or Bait.... $3.00

IMPORTED GREENHEART RODS.
Finest Scotch Make.
THE "TAY SPECIAL" FLY ROD.

To those who prefer the lithe, smooth action of the wooden rod we recommend the "Tay Special" as the very best rod of the kind ever put together. Made expressly for us by Anderson & Sons, Edinburgh, Scotland, who are recognized as the foremost makers of wooden rods in the world. It is a delightful little rod and while it lacks the quick, snappy action of the bamboo, as all wooden rods do, it has a very pleasing action and is a perfect little jewel for brook fishing and light casting. They are made by hand entirely, of the very finest close grained and inspected greenheart and are beautifully balanced. Hand made bronze ferrules and reel seat, with gun-metal finish. Bronzed steel snake guides. The ferrules are the famous "Simplex," doweled, with waterproof caps and the reel seat, made skeleton fashion, is adapted to any and all sized reels.

Made in one size only, 9 feet long, and weighing about 4½ ounces. On varnished wood form.....Price, $17.50

GREENHEART RODS.
American Make.
NO. 11 ROD.

Hand-made greenheart, German silver mounted, cane grasp, metal reel seat. Consists of one butt, one second joint, two tips, mounted on velvet covered wood form, enclosed in canvas sack.

Fly Rods.	Bait Rods.
9 ft. long, weight about 6 ozs.	6½ ft. long, weight about 6 ozs.
9½ ft. long, weight about 6½ ozs.	7½ ft. long, weight about 7 ozs.
10 ft. long, weight about 7 ozs.	8½ ft. long, weight about 8 ozs.

Price, Fly or Bait..... $7.00

NO. 12 ROD.

Greenheart rod, nickel mounted, cork grasp, metal reel seat. Consists of one butt, one second joint and two tips. Mounted on wood form, enclosed in canvas case.

Fly Rods.	Bait Rods.
9½ ft. long, weight about 6½ ozs.	7½ ft. long, weight about 7 ozs.
10 ft. long, weight about 7 ozs.	8½ ft. long, weight about 8 ozs.

Price, Fly or Bait..... $3.50

LANCEWOOD RODS.
NO. 19 ROD.

Made by hand from finest quality riven wood. Beautifully finished and German silver mounted throughout. Patent extension ferrules. Solid metal reel seat. Cork grasp. Three-piece and extra tip. Put up on velvet covered form in canvas sack.

	Fly Rods.		Bait Rods.
8½ ft.	Weight about 6½ ozs.....	6½ ft.	Weight about 6½ ozs.
9½ ft.	Weight about 7 ozs.....	7½ ft.	Weight about 7½ ozs.

Price, Fly or Bait..... $5.00

NO. 20 ROD.

Three-piece and extra tip. Nickel mountings. Solid reel seat. Cork grasp. Put up on flannel covered form in cloth sack. A good, serviceable rod for the price.

	Fly Rods.		Bait Rods.
8½ ft.	Weight about 6½ ozs.....	6½ ft.	Weight about 6½ ozs.
9½ ft.	Weight about 7 ozs.....	7½ ft.	Weight about 7½ ozs.
10 ft.	Weight about 7½ ozs.		

Price, Fly or Bait..... $3.00

THE "WESTERNER" COMBINATION ROD.

A thoroughly practical rod of much usefulness, combining a 9½-foot Fly Rod and 5½-foot Bait Casting Rod in one. Carefully made from fine grade China split bamboo, six-strip. Has cane-wound independent handle, reversible. Agate guides on casting rod, snake guides on fly rod. German silver mounted throughout. Rod consists of 2-piece casting rod and 3-piece fly rod, with extra tip, making in all 6 pieces and handle.

Price, $15.00

POCKET COMBINATION ROD.
NO. 10½.

The "handy man" of the rod family. A convenient and serviceable little rod for mountain tramps, bicycle trips, or when packing through a rough country. Well made of good materials.

Split bamboo, six-strip, nickel mountings, "snake" guides, cane grasp, metal reel seat. Seven pieces and extra tip. Makes a 7-foot fly rod weighing 4¾ oz., or a 6-foot bait rod weighing 4½ oz.

Length of joints, 13 inches.....Price, $3.50

PACK AND VALISE RODS.

NO. 8 ROD.

Split bamboo, six-strip, nickel mounted, cork grasp, metal reel seat.

Consists of six pieces, with extra tip. Makes a 21-inch package, enclosed in cloth sack.

Fly Rods.	Bait Rods.
7 ft., weight about 5½ ounces	7 ft., weight about 7 ounces.

Price, Fly or Bait, $3.00

NO. 9 ROD.

Selected Calcutta bamboo, six-strip; full nickel plated mountings, cork grasp, welted ferrules, metal reel seat. Strongly made for hard service.

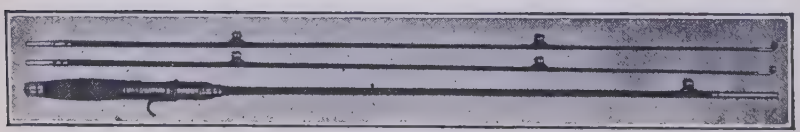
Consists of six pieces, with extra tip; enclosed in cloth sack. Makes a package 21 inches long.

Fly Rods.	Bait Rods.
9½ ft. long, weight about 8½ ozs	9½ ft. long, weight about 9 ozs.

Price, Fly or Bait, $7.00

BAIT CASTING RODS.

THE "REGAL."

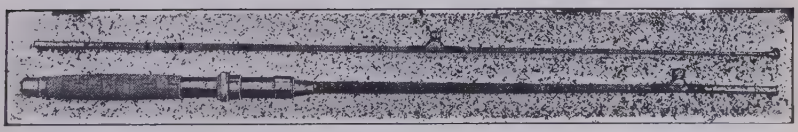


Six-trip bamboo. Hand made of fine grade China cane. German silver mounted throughout. Hand turned ferrules. Solid cork grasp. Fine high set agate guides and offset tip-top. Two-piece and extra tip. A high grade rod in all respects. It is very resilient and quick in action and has great casting power. Suitable for all styles of bait and minnow casting and thoroughly satisfactory in every way.

Length 4½, 5 and 5½ feet.....Price, $10.00

BAIT CASTING RODS.

The "Royal."



Two-piece rod. Hand made from finest quality riven lancewood. German silver mounted throughout. Hand turned reinforced ferrules. Solid metal reel seat with new patent locking reel band. Solid cork grasp. Large high set agate guides and special agate stirrup tip-top. Those who prefer the solid wood rods to the split bamboo will find this little rod a model of excellence. It is quick, strong and resilient and has great casting power. The new locking reel band is a long looked for improvement, especially on casting rods. The reel band is slipped into position in the usual way, the ring is given a few turns, the reel is locked rigidly to the seat and cannot possibly work loose. Lengths, 4½, 5, 5½ and 6 feet.

Price, $7.50.

"The Republic."

Two-piece rod. Made from a newly discovered variety of cane of great strength and elasticity. The butt joint is made from a solid piece of cane and the tip is six strip. Heavy nickel mountings. Special pattern offset ferrules. Solid metal reel seat with finger hook on reel band. Cord wound grasp. German silver trumpet guides and stirrup tip-top. A thoroughly reliable and satisfactory rod in every way and one which is, we believe, destined to become very popular. Its great strength, compared to its weight, should make it a great favorite for the "rough and ready" kinds of fishing.

Length, 4½, 5, and 5½ feet..... Price, $4.50

"TAMPICO"

THE "CATALINA SPECIAL" ROD.
Double-Built Bamboo.

The tremendous success of our "West Coast" rod has led us to produce this same pattern in a lighter and more pliable form. The same principle of construction has been followed exactly and all are "double built," only the enamel of the bamboo being used, which affords tremendous "life" and power to the rod.

The leaning towards lighter tackle is growing stronger day by day among all classes of fishermen and these rods aid the cause mightily by reason of combining marvelous strength in comparison to their size and weight. We have no hesitation in saying that, handled with a fair degree of skill, the mighty tarpon or the fierce tuna is outmatched at every turn by these peerless rods. They will also prove extremely popular with the devotees of beach or surf casting, as their "speed" and resiliency makes possible an easier and more graceful cast than when the heavier rods are used.

The mountings, ferrules and guides are the same as used on our "West Coast" and we use the same locking reel seat, which is invaluable in all styles of fishing where there is great strain upon the reel.

We absolutely warrant these rods to be the finest of their kind made and guarantee them perfect.

Made in one piece tip and independent handle, with cane wound double grasp, connection at the reel plate.

Length, 6 ft. Weight about 18 ozs. . . . . Price, $30.00

Special lengths, style or mountings to order.

THE "REY DEL PLAYA" ROD.
Greenheart.

These splendid rods, like our "Catalina Special," we offer to those who desire a lighter rod than the regulation model and who prefer the solid "wood" to the split bamboo. They follow precisely the same style of make and mounting as our "Tampico" but are lighter and more springy. The stock is absolutely the finest that can be procured and the making and finish leave nothing to be desired. Their action and resiliency is surpassed by no other rod, except our "West Coast" and "Catalina Special," and they are superb rods for hard and steady service. Made in one piece tip and independent handle, with cane wound double grasp handle, connection at the reel plate. All have our famous locking reel seat.

Length, 6 ft. Weight about 20 ozs. . . . . Price, $20.00

Special lengths, style or mountings to order.

"WEST COAST"

TARPON AND TUNA RODS.
THE "WEST COAST" ROD.
Double-Built Bamboo.

These rods are as light, stiff and powerful as it is possible to make. The action is extremely "fast" and their resiliency is wonderful. They have all the strength and power of the heavier and clumsier rods generally in use, but are quick and lively in action, affording the angler far more "play" and greatly enhancing the sport in fighting these mighty fish. When used for surf casting, for which they are finely adapted, their springy action and great casting power lend an added charm to this interesting sport. These splendid rods are all double built—that is, one rod is really built on top of another. As only the hard enamel of the bamboo is used the soft wood lining, used by other makers, is done away with entirely and we are able to produce a rod that is practically solid enamel.

The great advantages possessed by this method of manufacture cannot be overestimated, as a rod of this style has nearly twice the strength of the ordinary rod of the same size and weight. Extra heavy German silver mountings throughout. Hand-drawn, hard-tempered ferrules, fitted with great care. Extra heavy solid reel seat, with new pattern locking reel band, which is simple in operation and locks the reel firmly to the plate in such manner that it cannot possibly work loose. Mounted with special pattern double agate guides of large diameter. Cane wound double grasp. Made in one piece with independent handle. Connection at the reel plate.

Length, 6½ ft. Weight about 25 ozs. . . . Price, $30.00
Lighter rods furnished to order.

THE "TAMPICO" ROD.
Greenheart.

Hand made from the finest quality of carefully selected straight grained greenheart, hand riven and free from knots. Extra heavy German silver mountings throughout. Hand-drawn, hard-tempered ferrules. Made in one piece tip with connection at reel plate. Heavy solid metal reel seat with new locking reel band. Mounted with special pattern narrow agate double guides. Cane wound double grasp. These are splendid rods in every way and for those who prefer the solid wood to the split cane rod nothing better or finer can be devised.

Length over all, 6½ ft. Weight about 26 ozs.
Price, $20.00

TARPON, TUNA AND SALT WATER RODS.

THE "ARANSAS" ROD.

Designed to meet regulations of the Aransas Pass "Light Tackle" Club.

Fine hand made greenheart, stained, rubbed and polished. German silver mounted. German silver bell-mouthed trumpet running guides and agate tube top and hand guide. Best cane wound independent handle, one piece tip.

Length of tip, 5½ feet. Length of handle, 18 inches. Weight of tip, 6 ozs.....Price, $15.00

THE "SANIBEL" ROD.

Hand made of the finest quality second growth hickory. They are the strongest rods made and are practically unbreakable. Unquestionably the most powerful rod ever made for surf casting and heavy sea fishing. Extra heavy hand drawn German silver ferrules and mountings. Double agate guides and tip-top of special pattern. Double cord wound hand grasps. Made in one piece, independent handle.

Length, 7 ft. Weight, 30 ozs.....Price, $15.00

THE "NASSAU" ROD.

Same materials and mountings as The "Sanibel." Made in two pieces, with extra heavy reinforced ferrules. A light, springy rod of great strength and power.

Length, 7 ft. Weight, 18 ozs.....Price, $10.00

THE "PUNTA RASSA" ROD.

Made from a newly discovered variety of cane of extraordinary strength and elasticity. They are tremendously powerful for their weight and extremely "fast" in action. Butt joint made from one solid piece of cane and tip from six-strip split. Heavy nickel mountings. Special offset ferrules of new pattern. Double reel seat and double German silver trumpet guides. Butt and forward hand grasp wound with braided linen cord. A thoroughly trustworthy rod and one which will give splendid service for all around general fishing—we recommend them most highly.

Two-piece rod. Length, 7 ft. Weight, 18 ozs.....Price, $8.00

TARPON, TUNA AND SALT WATER RODS.

NO. 17 ROD.

Best quality hand riven greenheart, finished in the most careful manner throughout. Heavy German silver mountings. Extra heavy hand drawn reinforced ferrules. Double trumpet guides and solid tip-top. Double cane wound hand grasps. A thoroughly reliable rod in every way and warranted to give satisfaction.

Two-piece and extra tip. Length, 6¾ ft. Weight 14 oz. Price, $8.00

NO. 15 ROD.

Hand made of best selected lancewood. Full German silver mountings. Double agate guides and tip-top. Double cord wound hand grasps. Made in one piece, independent handle.

Length, 7 ft. Weight, 22 oz..... Price, $7.50

NO. 22 ROD.

Made from the same materials and mounted as the "Punta Rassa." They make splendid rods for striped bass, bluefish, weakfish, etc., and are quite powerful enough for the lighter forms of surf casting.

Two pieces. Length, 7 ft. Weight, 12 oz..... Price, $7.00

NO. 18 ROD.

Five-piece combination rod for general sea and "bank" fishing. Makes 3-piece rod 8 ft. long, 3-piece rod 6½ ft. long, or 2-piece rod 5 ft. long. Ash butt, cord wound grasp, lancewood joints. Heavy nickel mountings. Double band guides. Price, $2.50.

SPECIAL INDEPENDENT HANDLES.
DARLING'S DOUBLE GRASP MODEL.

Large sumach wood hand-grasp which does not tire the hand. Cork forward grasp. Fitted with our special locking reel seat, made in fine German silver.

Fishermen of experience will at once appreciate its importance and know the vital necessity of having the reel securely fastened. This device actually locks the reel to the rod—it cannot possibly work loose. In place of the ordinary reel band is a ring sliding upon two raised ribs, preventing "side play." The reel is placed in position the regular way, the band slipped into place, the ring turned a few times to the left and the reel is locked so that it can not be loosened until the ring is released.

This lock is supplied regularly on the following rods: "Touradif" Bait and Casting, "West Coast," "Rey del Playa," "Catalina Special," "Tampico" and "Royal." Supplied on any of our other rods to order as follows:

Regular Bait Rods, Reel Seat only, $2.50. Handle complete, $5.00.
Tarpon Rods, etc., Reel Seat only, $3.50. Handle complete, $7.50.

FLEGEL'S LOCKING HANDLE.

German silver with solid cork grasp. Slides the grasp close to the reel, locks automatically and prevents the reel from working loose. To operate, lift small catch on under side, draw out grasp, place reel in position, slip the catch back and push handle in until it locks. Supplied regularly on our "Bic" bait casting rods. Sold separate, with male and female ferrules, in following sizes:

11-32, 3-8, 27-64, 28-64, 15-32, ½ inch diameter. Price, $2.50.

WELLS MODEL.

Open or skeleton sumach wood reel seat with German silver bands. Solid cork grasps. The flared grasp fits the hand easily and it is the lightest form of handle made, weighing only 3 ounces. Supplied to order on "Touradif" casting rods without extra charge. Furnished to order in any standard size. Price, $3.75.

"BRISTOL" STEEL RODS.
FLY RODS.

All made in three joints with independent handle.

NO. 8.

Nickel mountings, 2 ring guides. Length 10 ft. Weight 9½ ozs.
With maple handle, $4.50 ..... With cork handle $5.50

NO. 9.

German silver mountings. Drop ring guides. Length 9½ feet.
Weight 8 ozs. Cork or celluloid handle $6.50

NO. 14.

Mounted same as No. 9. Length 8½ feet. Weight 7½ ounces.
Cork or celluloid handle $6.50

NO. 16.

Nickel mountings. Drop ring guides. Length 9 feet. Weight 8¼ ozs.
With maple handle, $4.50 ..... With cork handle $5.50

NO. 24 TRUNK ROD.

Nickel mountings. Drop ring guides. Six joints and independent handle. Joints 17¼ inches long. Weight 8½ ozs.
With maple handle, $8.00 ..... With cork handle $9.00
With cork-grip reversible handle 9.75

BAIT RODS.

Three joints and independent handle. Nickel mountings. German silver two-ring guides and three-ring tips.

No. 4.	Length 10 ft.	Joints 38 inches long.	Weight 10½ ozs.
No. 11.	Length 8½ ft.	Joints 32 inches long.	Weight 10 ozs.
No. 13.	Length 7½ ft.	Joints 28 inches long.	Weight 9 ozs.
No. 15.	Length 6½ ft.	Joints 24 inches long.	Weight 8¼ ozs.
No. 18.	Length 6 ft.	Joints 22 inches long.	Weight 8¼ ozs.
No. 19.	Length 5½ ft.	Joints 20 inches long.	Weight 8 ozs.
No. 20.	Length 5 ft.	Joints 18 inches long.	Weight 8 ozs.

PRICES.

With maple handle, $4.50. With cork handle, $5.50. With celluloid double-grip handle, $5.75. With cork-grip reversible handle $6.25

"BRISTOL" STEEL RODS.
BAIT CASTING RODS.

NO. 17.

Nickel mountings. German silver trumpet guides and double-hole tip. Length 7 feet. Weight 8¾ ozs.
With maple handle $5.50.....With cork handle $6.50

NO. 25.

"Kalamazoo" pattern. Nickel mountings. Extra large German silver two-ring guides. Solid agate tip. Short handle with reel-seat close to grip. Detachable finger hook. Lengths, 5, 5½, 6 feet.
Weight 8 to 8½ ozs. Cork handle only..... $7.00

NO. 27.

"Special" pattern. Similar to No. 25 but has raised agate guides and offset agate tip. Detachable finger hook. Double cork grip handle. Lengths, 4½, 5, 5½ feet. Weight 9 to 10 ozs..... $11.00

NO. 23—TRUNK ROD.

Nickel mountings. German silver two-ring guides. Five joints and handle. Joints 17¼ inches. Length 7 feet 8 inches. Weight 9 ozs.
With maple handle $7.00.....With cork handle $8 00

MUSCALLUNGE ROD.

Nickel mountings. German silver trumpet guides and double-hole tip. Two joints and handle.
No. 21. Length 7½ ft. Joints 38 inches long. Weight.....13 ozs.
No. 22. Length 6½ ft. Joints 32 inches long. Weight.....13 ozs.
With celluloid long or double-grip handle..... $6.75
Same, with agate first guide and solid agate tip..... 8.00

NO. 26—SURF ROD.

Length 6 feet 9 inches. Weight 26 ozs. Joints 31½ inches long. Handle 24½ inches long. Raised agate guides and agate stirrup tip. Locking reel-band. Double grip handle.
With celluloid handle $12.00.....With cork handle $14.00

TROLLING TIP.

To shorten and stiffen rods for trolling, etc. Length 9 inches.
With regular guides, $1.25. With agate tip, $2.00.

EMERGENCY TOP.

For use in case of accident to tip or to make a very stiff trolling rod.
Two inches long..... $ .25

SPECIAL MOUNTINGS.

Agate tips.....	$ .75	Agate casting tips.....	$1.25
Agate first guide and tips.	1.50		
Trumpet guides and agate tips	150	Trumpet guides and tip..	1.00
Raised agate casting guides and offset agate tip, per guide.....	1.00	Agate guides and tips, per guide.....	.75

"RAINBOW" STEEL FLY RODS.

Three Joints and Independent Cork Handle.

NO. 208.

Length 10 feet. Two-ring guides. Weight $9\frac{1}{4}$ ozs..... $2.50

NO. 216.

Length 9 feet. Drop-ring guides. Weight $8\frac{3}{4}$ ozs..... $2.50

"RAINBOW" STEEL BAIT RODS.

Three joints and independent cork handle. Two-ring guides and three-ring tips.

Price, $2.50.

No. 204. Length 10 feet. Weight, $9\frac{3}{4}$ ozs.
No. 211. Length, $8\frac{1}{2}$ feet. Weight, $9\frac{1}{2}$ ozs.
No. 213. Length, $7\frac{1}{2}$ feet Weight, 9 ozs.
No. 213½. Length, 7 feet. Weight, $8\frac{1}{2}$ ozs.
No. 215. Length, $6\frac{1}{2}$ feet. Weight, 8 ozs.
No. 218. Length, 6 feet. Weight, $7\frac{3}{4}$ ozs.
No. 219. Length, $5\frac{1}{2}$ feet. Weight, $7\frac{1}{2}$ ozs.
No. 220. Length, 5 feet. Weight, $7\frac{1}{4}$ ozs.

NO. 225—BAIT CASTING RODS.

Short cork handle. Large two-ring guides and agate tip. Length 5, $5\frac{1}{2}$, 6 feet. Weight $7\frac{1}{2}$ to 8 ozs.

Regular model, $3.70. With detachable finger hook, $4.15. With large agate casting guides and offset agate tip and finger hook..... $7.70

TROLLING TIP.

Nine inches long. With regular guides 70c. With agate tip $1.25

"LUCKIE" STEEL FLY RODS.

Three joints and independent cork handle. Two-ring guides.
Lengths, 8, 9, $9\frac{1}{2}$, 10 feet..... $1.75

"LUCKIE" STEEL BAIT RODS.

Three joints and independent cork handle. Two-ring guides.
Lengths, 4, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, 8, $8\frac{1}{2}$, 10 feet..... $1.75

"LUCKIE" STEEL BAIT CASTING RODS.

Large casting guides and stirrup tips.

Lengths, 4, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$ feet..... $2.25
With agate first guide and agate tip..... 3.25
With three agate casting guides and agate tip..... 4.50

TROLLING TIPS.

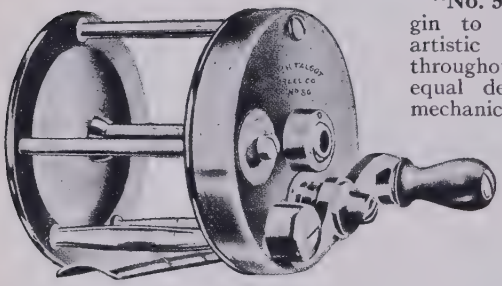
Nine inches long. Regular guides, 55c. With agate tip..... $1.10

LOCKING REEL BANDS.

To order on any "Bristol," "Rainbow" or "Luckie" rods, Extra... .45

TALBOT REELS.

The Finest Reels in the World.

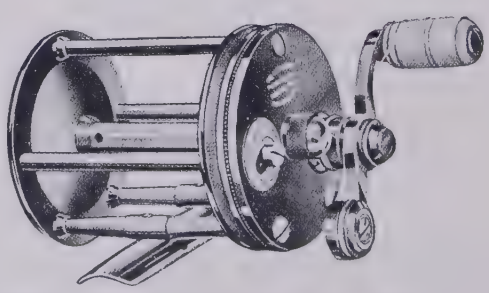


"No. 53." No other can begin to compare with it for artistic design and finish throughout, and no device of equal delicacy known to the mechanical world has anything like the same amount of skilled workmanship required of it. It is an entirely new principle in reel making and has several distinct advantages. The stud extends through the plate and is double capped, making gears dustproof. It is hollow ground and will hold sufficient oil for several months' use. The pinion bearings are constructed with a recess which will also hold oil for a like time—thus the reel requires but little attention in the way of cleaning and oiling. Has new style spiral and non-friction gears, very sensitive and easy-running. Has no oil caps. Bearings set in sapphire jewels. Made of tested German silver and aluminum. Diameter of end plates, 2 inches. Length of spool, 1½ inches. Capacity, 80 to 100 yards fine casting line. Quadruple multiplying.

With either German silver or aluminum spool and handle..... $50.00
With interchangeable spools and handles (to order)..... 60.00

TALBOT REELS.

"Club Special."



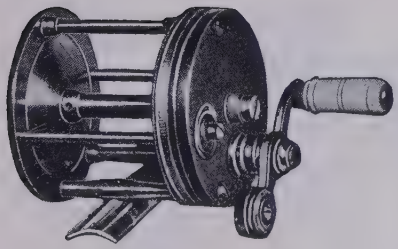
Diameter of end plates, 1¾ inches. Length of spool, 1¾ inches. Capacity, 100 yards fine casting line. Quadruple multiplying.

Made of finest German silver. Ivory grasp. Steel pinion, studs and pivots, hardened and oil-tempered. New style spiral gears. Handle set in front. (Set top or bottom if desired.) This is a "long spool" model and is a magnificent reel for fine casting and tournament work.

With Click and Oil Caps..... $25.00
Full jewelled..... 42.00

Every reel guaranteed three years.

TALBOT REELS.
QUADRUPLE MULTIPLYING.
"Premier."



Made of best quality German silver. Ivory grasp. Steel pinion, studs and pivots hardened and oil tempered. Wheels made of the best hard rolled aluminum bronze rods. Talbot's improved spiral gears. Mirror and damaskeened finish.

The ideal and most popular size for expert bait casting and all around game fishing—from the bass to the muskallonge. With a small amount of care this reel will last a lifetime.

NO. 2.

Diameter of End Plates, $1\frac{3}{4}$ inches. Length of Spool, $1\frac{3}{8}$ inches. Capacity, 60 to 80 yards fine casting line.

With Click and Oil Caps..... $20.00
Full Jewelled..... 37.00

NO. 3.

Diameter of End Plates, 2 inches. Length of Spool, $1\frac{1}{2}$ inches. Capacity, 80 to 100 yards fine casting line.

With Click and Oil Caps..... $21.00
Full Jewelled..... 38.00

NO. 4.

Diameter of End Plates, $2\frac{1}{8}$ inches. Length of Spool, $1\frac{5}{8}$ inches. Capacity, 100 to 150 yards fine casting line.

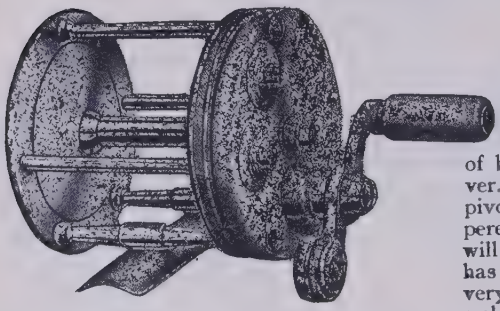
With Click and Oil Caps..... $25.00
Full Jewelled..... 42.00

EXTRAS TO ORDER.

Drag..... $2.00
Aluminum Spools..... 2.50

We recommend these reels as the very best for general fishing purposes. Every reel guaranteed for three years.

TALBOT REELS.
"NIANGUA."



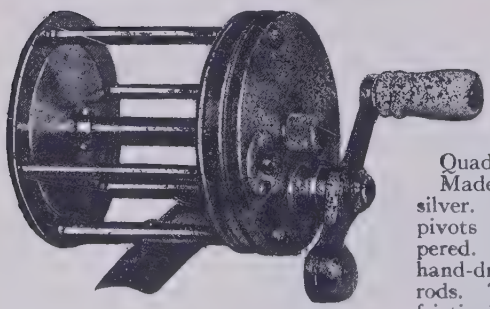
Diameter of End Plates, 2 inches. Length of Spool, 1½ inches. Capacity, 80 to 100 yds. casting line. Quadruple Multiplying. Made of best quality German silver. Steel pinion, studs and pivots hardened and oil tempered. French gray finish. It will be noted that this reel has the same capacity and is very similar to the No. 3 reel, except the outside finish has less knurling and is not so highly polished and finished, but the bearings are given the same attention as No. 3, and it will fill the want of the angler that cannot afford one of the higher-priced Talbot reels.

With Click and Oil Caps..... $15.00
With Jewelled Bearings..... 19.00

EXTRAS TO ORDER.

Drag..... $2.00
Aluminum Spool..... 2.50

"METEOR."



Diameter of End Plates, 2 inches. Length of spool, 1⅝ inches. Capacity, 100 yards medium casting line.

Quadruple Multiplying. Made of best quality German silver. Steel pinion, studs and pivots hardened and oil tempered. Wheels made of best hand-drawn aluminum brass rods. Talbot's latest improved frictionless spiral gears. Ivory grasp. French gray finish. A magnificent reel for the price and which will render splendid service and afford perfect satisfaction in every respect to the most exacting angler, be he amateur or expert.

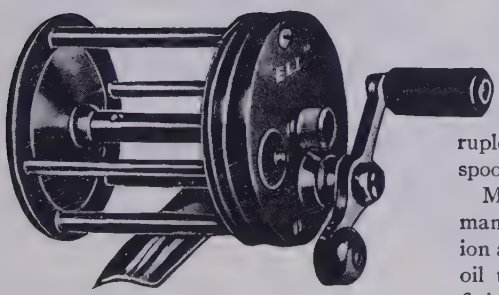
With Click and Oil Caps..... $12.50
With Jewelled Bearings..... 15.00

EXTRAS TO ORDER.

Drag..... $2.00
Aluminum Spool..... 2.50

TALBOT REELS.

"Eli."



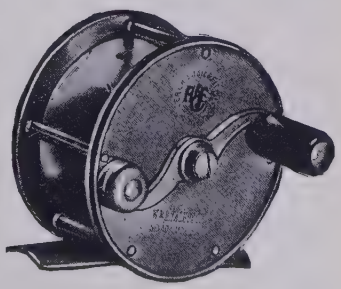
Diameter of End Plates, $1\frac{3}{4}$ inches. Length of Spool, $1\frac{5}{8}$ inches. Capacity, 80 to 100 yards casting line. Quadruple Multiplying. A "long spool" model.

Made of best quality German silver. Steel studs, pinion and pivots hardened and oil tempered. French gray finish. Has long handle of special pattern. This reel was made to fill the want of a really fine casting reel at a moderate price. No expense has been run up in the manufacture by fancy finish, etc., but the gears are of the finest and the bearings perfect. We guarantee this reel to give the angler every satisfaction as a thoroughly practical fishing reel.

With Click and Oil Caps..... $10.00

"BEN HUR"

Single Action Fly Reel.



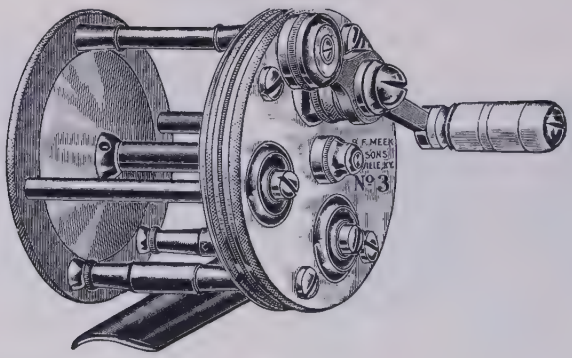
Diameter of End Plates, 2 3-16 inches. Holds 30 yards "E" double tapered line.

Finest quality special alloy German silver end plates, bars and yoke. Aluminum spool. New click mechanism of improved pattern. Very handsome and graceful pattern. Beautifully made and highly finished throughout. These reels are the perfection of their class and are built to wear and "stand the racket." They are absolutely the finest and most durable reels made and we have no hesitancy in placing them above all others. Made in one size only.

Price, $10.00.

Every reel guaranteed for three years.

MEEK REELS.



The Famous "Kentucky" Reels. A magnificent casting reel and a favorite with many experts. Made from finest German silver. Stub steel pivots and pinions, tempered, ground and polished. Special anti-friction bearings. "Meek" pattern spiral gears, two-leaf mesh. Balanced handle. Ivory grasp. Handles set at top unless otherwise ordered.

"NO. 2"

Diameter of End Plates, $1\frac{3}{4}$ inches. Length of Spool, $1\frac{3}{8}$ inches. Capacity, 80 yards casting line. Quadruple Multiplying.

With Click, Drag and Oil Caps..... $26.00
With Jewelled Bearings..... 32.00

"NO. 3"

The most popular size and the best for all around work. Diameter of End Plates, 2 inches. Length of Spool, $1\frac{1}{2}$ inches. Capacity, 100 yards casting line. Quadruple Multiplying.

With Click, Drag and Oil Caps..... $28.00
With Jewelled Bearings..... 34.00

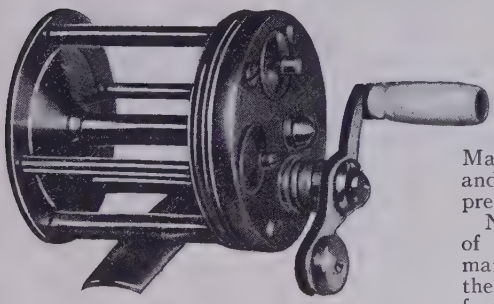
"NO. 4"

A very powerful reel of large line capacity and a great favorite for Northern lake use and for heavy fishing in general.

Diameter of End Plates, $2\frac{1}{4}$ inches. Length of Spool, $1\frac{5}{8}$ inches. Capacity, 150 yards casting line. Quadruple Multiplying.

With Click, Drag and Oil Caps..... $30.00
With Jewelled Bearings..... 36.00

MEEK REELS.
"Blue Grass."



This is in no sense a cheap reel. It is high class in every respect and meets perfectly the demand for a fine reel at a moderate price. Made principally by hand and with great accuracy and precision of detail.

None but the best grade of material is used in its manufacture and we warrant them to give perfect satisfaction.

Fine German silver. Steel pivots and stud, tempered. Spiral gears. Ivory grasp. Quadruple Multiplying.

"NO. 3 B"

Diameter of End Plates, 2 inches. Length of Spool, $1\frac{5}{8}$ inches. Capacity, 80 yards casting line.

With Click, Drag and Oil Caps..... $15.00
With Jewelled Bearings..... 20.00

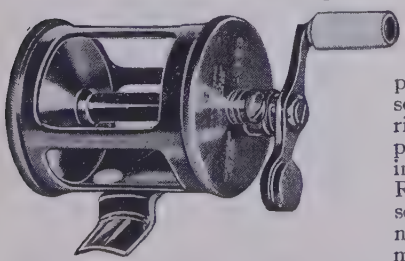
"NO. 4 B"

Same style as "3 B" but of larger size. Suitable for trolling and all around heavy work.

Diameter of End Plates, $2\frac{1}{4}$ inches. Length of Spool, $1\frac{5}{8}$ inches. Capacity, 100 yards casting line.

With Click, Drag and Oil Caps..... $18.00
With Jewelled Bearings..... 23.00

"SIMPLEX"
Take-Apart Pattern.

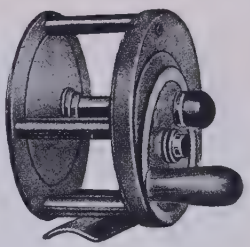


Quadruple Multiplying.

A first rate and serviceable casting reel at a modest price. Frame made from one piece seamless tubing. Front plate fixed rigidly in frame. Steel pivots and pinions. Hard brass gears. Sliding click. Handle set forward. Reel is easily taken apart by unscrewing back plate and thumbnut on front end. Made of German silver and brass, heavily nickel plated. Diameter of Spool, $1\frac{5}{8}$ inches. Length of Spool, $1\frac{3}{8}$ inches. Capacity, 100 yards casting line. Price, $7.50.

REDIFOR REELS.

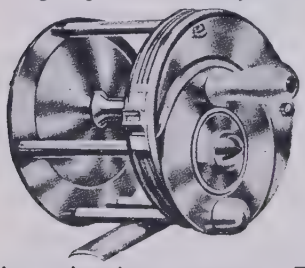
All made of "Redifor metal," lighter than aluminum and very strong.



MODEL X.

The great advantage possessed by this reel is that it is a multiplying reel suitable for fly fishing. The old style, protruding balance handle, which was always in the way and forever catching the line, has been replaced by a flat disc, turning within the headplate, and which offers no more obstruction than the regular single-action reel. The great benefit derived from a multiplying reel in fly fishing cannot be overestimated, and a single trial will convince the most skeptical angler.

Holds 35 yards size F double tapered line. Quadruple multiplying. Weight, 3 ozs. Price, $9.00.

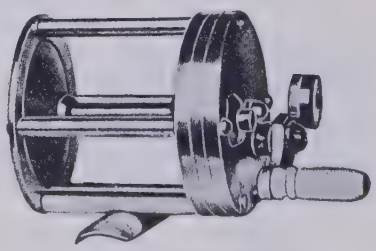


MODEL B.

Similar to Model X but has "throw-off" attachment which converts it at pleasure into a free-spool reel for bait casting. This feature makes it very popular with trout fishermen who occasionally use bait and is especially desirable when fishing with a very light lure or for minnow casting, as long casts are easily possible without any "elbow grease" being used, the free spool being quite frictionless and having no inertia to overcome. This feature also recommends itself for still-fishing, as line can be "fed" with absolutely no drag or pull to alarm the fish.

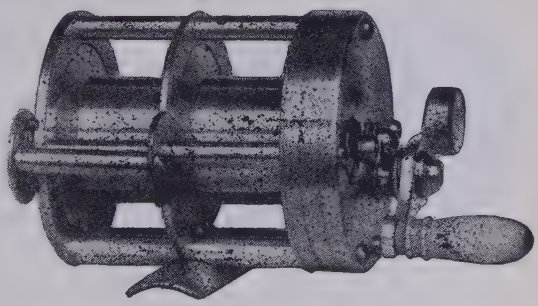
Holds 30 yards size E double tapered line. Quadruple multiplying. Weight, 4½ ozs. Price, $15.00.

MODEL D FREE-SPOOL BAIT CASTING REEL.



In this reel the gears are always in mesh and the "throw-off" is automatic, requiring no attention whatever from the caster. The line is reeled up and the cast made in the regular way, the forward movement releasing the spool which runs perfectly free and smooth. More delicate casts can be made with this style reel as the pressure required in thumbing is very slight. Made on the popular low spool pattern, length of spool, 1⅝ inches. Best steel and phosphor bronze bearings. Quadruple multiplying. Capacity, 80 yards. Weight, 4 oz. Price, $20.00.

THE DARLING-FLEGEL TOURNAMENT REEL.



This wonderful reel, we confidently believe, marks a new era in long distance bait casting. Designed by Messrs. Lou S. Darling and B. F. Flegel after long and careful experiment and its superiority for distance casting has been proven beyond question. Casts of over 240 feet have been made in practice—this during cold weather—and in the coming season we expect to see all records go to this reel. It is fitted with the Redifor "throw-off" attachment for free-spool casting and is entirely automatic in its action, requiring no attention from the caster and no buttons or levers to operate. The gears are always in mesh and the line is reeled up in the regular way, the cast made in the ordinary manner, the spool being automatically released by the forward motion of the rod. The main feature of this reel, however, is the double spool. Its great advantage is that the line runs from the right hand spool and the caster thumbs on the other spool. The thumb never touches the line, which is impeded in no way in its free outrunning, and there is no pressure upon it to pull back on the spool and induce "back-lashes."

If the line be accidentally broken it may be knotted and makes little or no difference in the casting, while in the old style reel it would be necessary to put on a new line. Absolutely perfect control of the cast is possible with this reel as the position of the thumb never changes throughout the cast.

Another unique feature is the thumb rest at side of reel which is a double pillar, built out from the back plate to center plate, and which affords a perfectly steady and secure rest for the thumb and insures even thumbing.

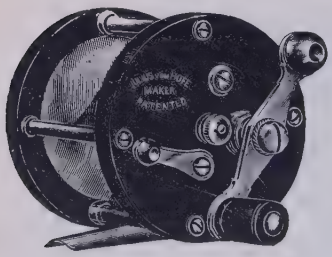
The barrels or cores of the spool are made larger in diameter to induce quick starting of the reel and it is not necessary to wind the spool with extra line or apply cork drums to bring it up to the proper size for the fine tournament line. The thumbing spool, however, should be wound with a little silk line to give the proper amount of friction. Made of "Redifor metal" and weighs only $4\frac{1}{2}$ ounces. Finest bronze bearings.

Price, $25.00.

THE FLEGEL TOURNAMENT REEL.

Similar to the Darling-Flegel model but has single spool only and no thumb rest. Price, $20.00

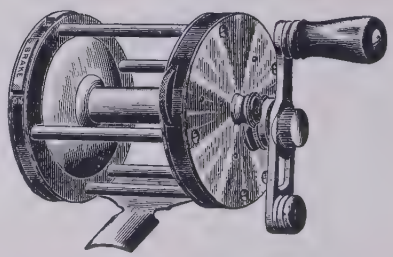
J. VOM HOFE'S NEW "SWITCH-OFF" REEL.



A splendid free-spool casting reel. The free-spool feature is ideal for casting live minnows and light lures and in this reel the action is perfect. Gears thrown in or out of mesh by lever on side of head plate. Has back-sliding click, adjusting pivot cap and is quadruple multiplying. Spool, $1\frac{3}{4}$ x $1\frac{1}{2}$. Capacity, 80 yards.

Nickel and rubber..... $5.00
German silver and rubber..... 7.50

"CARLTON SPECIAL" REELS.

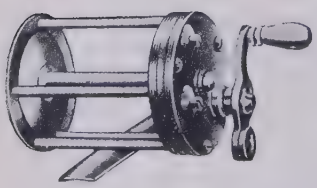


A "free-spool" casting reel of exceptional merit. The click and drag are both operated by a sliding stop on top of back-plate and are at instant command, while the gears are quickly released for free-spool casting by slight pressure upon stop in top of head-plate. The handle is so constructed that it may instantly be lengthened a half inch, affording tremendous leverage when playing a heavy fish. Made of German silver and hard rubber, and gears, bearings and finish are first class. A thoroughly satisfactory reel for general bait casting. Quadruple multiplying. Jeweled bearings.

Capacity, 80 yards.....Price, $6.00

REDIFOR-FLEGEL REELS.

Self Thumbing.



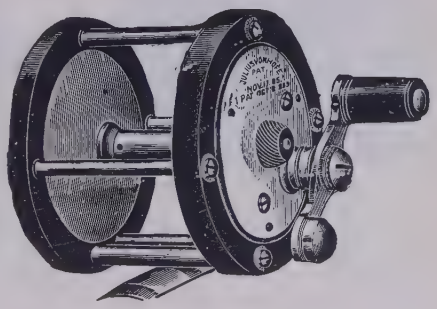
With this reel the novice can do good work bait casting without any danger of over-runs and snarls. The automatic thumbing device with which the reel is fitted acts perfectly and it is impossible to make the reel "backlash." The thumbing device is conccaled within the back plate, is noiseless and is not in evidence at any time. The reel is well made and a perfect size and shape for bait casting. Fine bearings goose-neck click and screw-off oil caps. Handsomely nickel plated.

Diameter of end plates, 2 inches. Length of spool, $1\frac{7}{8}$ inches. Quadruple multiplying. Capacity, 80 yards. Price, $6.00.

JULIUS VOM HOFE REELS.

Double multiplying.

Rubber and German silver. Steel click cog, spring and ratchet. With patent adjusting pivot cap. A fine high-grade reel and a great old-time favorite. The large sizes are designed for tarpon, tuna and heavy salt water fishing and have extra heavy gears.

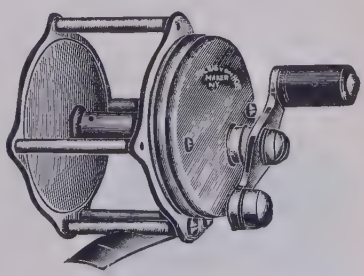


No. 220	60 yds.	$3.75			
No. 225	80 yds.	4.25			
No. 230	100 yds.	5.00			
No. 235	150 yds.	5.50	No. 250	300 yards	$ 9.50
No. 240	200 yds.	6.50	No. 255	350 yards	12.75
No. 245	250 yds.	8.00	No. 260	400 yards	15.25
		No. 265	500 yards	$30.00	

"Throw-off" gears on Nos. 250 to 265, extra, $4.50.

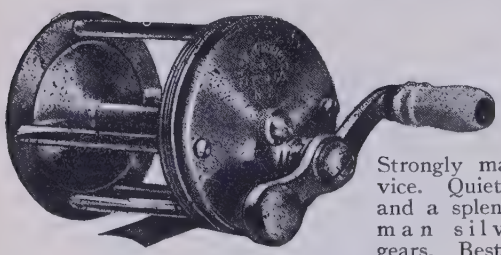
JULIUS VOM HOFE REELS.

Double multiplying. Raised pillars. Back-sliding click. Steel spring and ratchet. With patent adjusting pivot cap for compensating lost motion in the spool. Made of hard brass, nickel plated. Solid metal throughout. A bully good reel at the price. Well made of good material and will stand all sorts of rough use. Makes an excellent "boy's" reel. Large sizes are excellent for salt water fishing.



Number	550	555	560	565	570	575	580
Yards	60	80	100	150	200	250	300
Price	$1.25	$1.50	$1.75	$2.00	$2.25	$2.50	$2.75

"A .& F." SPECIAL CASTING REEL.



Quadruple Multiplying.

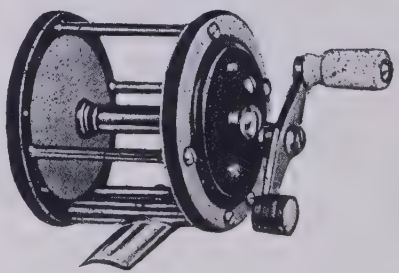
The best reel made at the price and will give perfect satisfaction. Strongly made and built for service. Quiet and smooth-running and a splendid caster. Solid German silver throughout. Fine gears. Best steel and bronze bearings. Knurled head and back plates. Ivory handle. Goose-neck click. Screw-off oil caps. Easy take-down feature.

Diameter of end plates, $1\frac{5}{16}$ inches. Diameter of spool ends, $1\frac{3}{8}$ inches. Length of spool, $1\frac{7}{8}$ inches.

Regular model, capacity, 80 yards..... $7.50
Special model, with agate end bearings..... 9.00

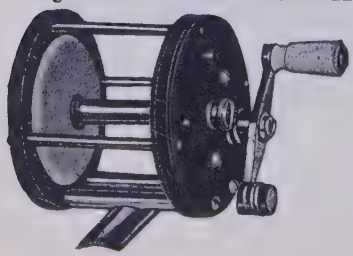
QUADRUPLE MULTIPLYING CASTING REEL.

Hard rubber side plates with metal safety bands. Pivots, pinion, ratchet and spring of fine tempered steel. Adjustable click and drag. Finely finished in nickel plate. Long style spool. A fine, free-running casting reel that will do as good work as many of the higher priced reels.



No. 201	Capacity,	80 yards	Price,	$4.00
No. 202	"	100 "	"	4.50
No. 203	"	150 "	"	5.00

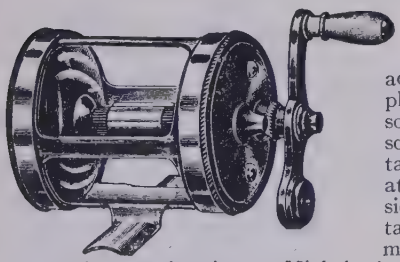
QUADRUPLE MULTIPLYING CASTING REEL.



Hard rubber and nickel. Steel posts, pivots and pinion. Adjustable click and drag. A good serviceable reel at a moderate price.

No. 501 Capacity, 60 yards, Price, $2.00
No. 502 Capacity, 80 yards, Price, 2.25
No. 503 Capacity, 100 yards, Price, 2.50

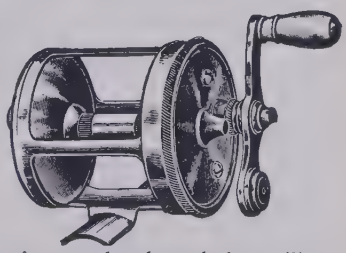
MEISSELBACH "TAKAPART" REELS.



A first rate casting reel at a moderate price. Very light running. Head and end plates are adjustable and handle can be placed in any position. Frame one solid piece—no tools needed and no screws to become lost. Reel is taken apart by unscrewing the ring at either end—preferably the click side—for cleaning, oiling or untangling a backlash. Quadruple multiplying. Fine steel pivots and gears. Bronze bearings. Nickel plate with German silver spool and plates. Click is light when reeling in and stiff when running out.

No. 480. Size, 80 yds. Spool, $1\frac{3}{4}$x$1\frac{5}{8}$.....Price, $4.00

MEISSELBACH "TRI-PART" REEL.



This reel consists of three pieces, which are easily and quickly taken apart by simply removing two screws in head-plate. The reel frame and yoke is made in one piece of hand-drawn brass (no screws, rivets or joints to work loose), and beautifully finished in nickel. The spool is German silver and the bearings of fine steel and bronze, close fitting and smooth running. Has hardened steel click and adjustable pivot cap. A smooth-running, easy casting quadruple reel that will appeal to those desiring a good working reel at a low price.

Size, 80 yards. Spool, $1\frac{3}{8}$x$1\frac{3}{4}$ inches.....Price. $3.00

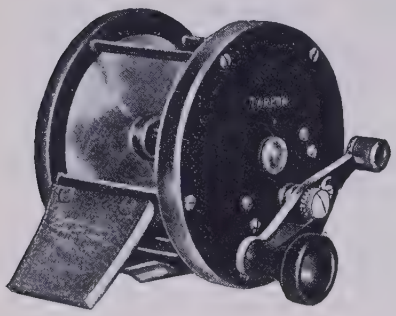
MEISSELBACH FREE-SPCOL.

Supplied on either of above reels. This is entirely automatic in its action and requires no attention from the caster. The spool is always free to revolve when making a cast, while the handle remains stationary. At the end of cast the line is reeled in the same as with an ordinary reel. No levers to turn or adjustments to make.

Such "free-spool" reels as are operated by moving a lever to release the gears are at a disadvantage for the reason that the lever must be moved both before and after every cast. In such reels extreme care must be taken to engage the gears only when they are entirely at rest, otherwise there is danger of "stripping" them.

Free-Spool "Takapart"..... $7.50 Free-Spool "Tri-Part"..... $6.00

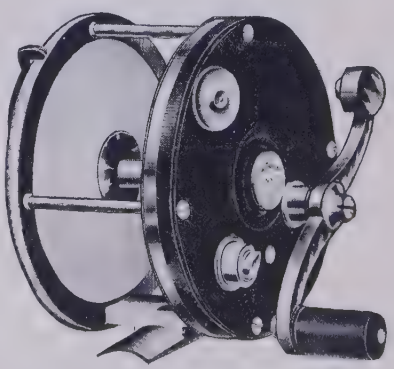
TARPON AND TUNA REELS.
DOUBLE MULTIPLYING.



Made expressly for the purpose and of the most approved pattern. Fine hard rubber side plates with extra heavy German silver safety bands. New style extra heavy solid metal bed plate. Gears and bearings of finest English steel, tempered and hardened. Heavy steel click and improved leather thumb brake. Large handle with improved hard rubber grasp. The heavy bed plate and safety bands make an absolutely rigid frame and the spool runs freely and true. The gear and pinion mechanism is extremely powerful and the bearings are tested far in excess of any strain possible under fishing conditions. The workmanship throughout is of the very best and we guarantee them fully.

No. 444. Disk, 4½ inches. Capacity, 500 yards. Price, $25.00.

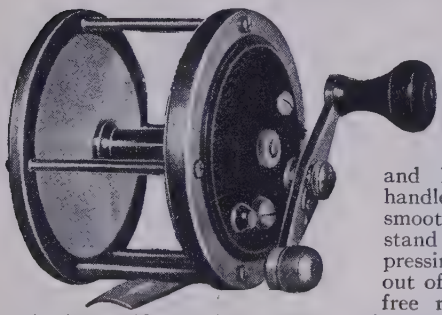
E. VOM HOFE TARPON REELS.



The standard for heavy fishing. Finest quality rubber and German silver, beautifully finished. Full steel pivot and adjustable pivot cap. S-shaped screw-off balance handle. Sliding oil cap. Fitted with universal tension drag, adjustable friction drag and locking crank-post. By means of the drags, which can be set to any tension, the angler always has perfect control over the heaviest fish. The handle does not turn when line is drawn out, and the pull of the drag is always against the fish, but is automatically released when reeling in. The locking crank-post, used at discretion of the angler, impedes in no way the free reeling in of line, but prevents handle from being suddenly jerked around and smashing fingers.

No. 3/0 Diameter of end plates, 3⅝ inches.....Price, $36.00
No. 4/0 Diameter of end plates, 3⅞ inches..... 38.00
No. 6/0 Diameter of end plates, 4¼ inches..... 43.00

FREE SPOOL SURF CASTING REELS.



Double multiplying. Finest hard rubber and German silver. Heavy reinforced safety bands. Finest steel pivots. Extra heavy gears, carefully fitted. Improved click and leather thumb drag. Large handle with hard rubber grasp. A smooth, easy running reel that will stand all kinds of hard use. By pressing a lever the gear is thrown out of mesh and the spool becomes free running. With reels of this style the terrific strain on the gears is entirely removed, and longer casts can be made with less effort.

No. 41	Disk,	$3\frac{1}{4}$	inches.	Capacity,	250	yards.	Price, $17.50
No. 42	"	$3\frac{3}{8}$	"	"	350	"	" 23.00

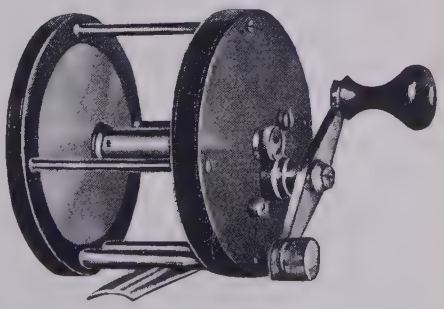
FINE TROLLING AND SALT WATER REELS.

Double multiplying. These reels are identical in quality, make and finish as No. 41, with the exception of the "throw-off" device for releasing the gears.

No. 181	Capacity,	250	yards.	Price, $13.00
No. 182	"	350	"	" 17.50
No. 183	"	450	"	" 20.00

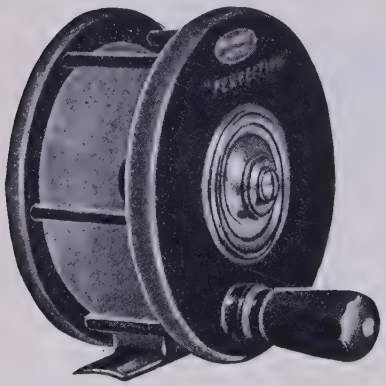
TROLLING AND SALT WATER REELS.

Double Multiplying. Hard rubber and nickel. Steel pivot. Improved click. Strong, heavy gears. Large handle with improved hard rubber grasp. A strong, durable reel that will give good service and "stand the racket."



No. 701	Yards,	150	Disk ins.	2 13-16	Price,	$3.25
No. 702	"	200	"	3 1-16	"	3.75
No. 703	"	250	"	3 5-16	"	4.25
No. 704	"	300	"	3 5-8	"	4.75

THE "PERFECTION SALMON" REEL.



This reel, the most perfect of its kind, has several advantages over all other reels. The hand of the angler need never be removed from the handle when playing his fish, as it remains stationary when line is running out. By a slight pressure of the finger on the handle any degree of drag may be applied and the fish's run checked as much as desired. It cannot over-run and is free to run in any position and it cannot be stopped by anything coming in contact with the handle.

The small sizes are also most desirable for bass, large trout, etc. Made of fine bronze, German silver bound, beautifully finished in ebonite. Simple and strong and has no complicated parts to get out of order.

3 inch	$12.00	3¾ inch	$17.00
3½ inch	15.00	4 inch	20.00
4½ inch	$25.00		

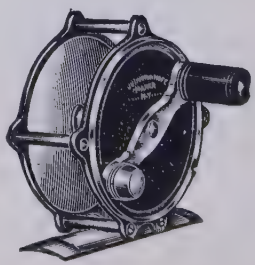
JULIUS VOM HOFE.

FINE RUBBER AND GERMAN SILVER RAISED PILLAR SALMON REEL.

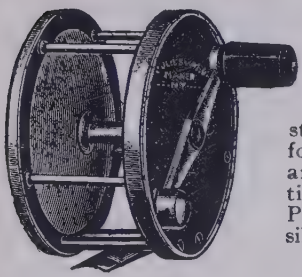
With metal safety band. (Steel click cog, spring and ratchet). With graduating drag, and patent adjusting pivot cap.

Fitted with latest improved automatic drag or tension on click which is strong when line is being taken out by fish, and light when reeling in. The raised pillar form of construction gives it a large line capacity and great rigidity. For reliability and service there is no finer reel made and we recommend them highly.

No. 165. Diameter of end plates, 4¼ inches.....Price, $25.00



JULIUS VOM HOFE SALMON REELS.

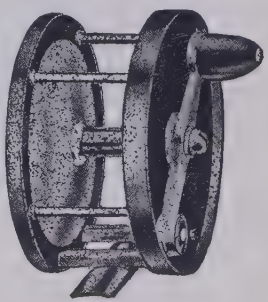


With metal safety bands. Steel click cog, spring and ratchet. With graduating drag, and patent adjusting pivot cap.

This old-time favorite has been the standard for 40 years and still holds its place for excellence. Light in weight but strong and rigid. Fitted with new automatic friction click, strong running out, light reeling in. Plates of best rubber, finished in best German silver or polished nickel plate.

No.	170	175	180
Diameter of Disks,	4	4¼	4½ ins
German Silver,	$22.00	$23.00	$25.00
Nickel	13.00	14.00	15.00

"STANDARD" SALMON REELS.

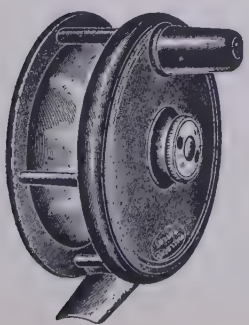


Made for us expressly to meet the demand for a strong, reliable reel at a moderate price. Fine quality rubber with metal safety bands. Back-sliding click. Steel pivots. Solid cast cross plate.

This reel was built for service and will stand the racket. Finished in German silver or polished nickel plate.

Number	1S	2S	3S
Diam. of end plates	3½ in	4 in.	4½ in.
Price, German Silver	$10.00	$12.00	$16.50
Price, Nickel Plate	6.50	8.50	12.75

THE "PARAGON" TROUT AND BASS REEL.

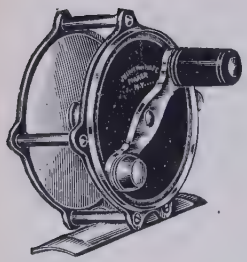


A new pattern imported English reel, which we highly commend. The chief feature of this reel is a novel friction device which allows the angler to obtain instantly any degree of drag desired. The drag is controlled by a milled disc, placed on the handle side of spindle, which is operated by a slight turn in either direction. It has a very narrow spool, which allows the line to be spooled rapidly and evenly.

Made throughout of fine aluminum, beautifully finished in ebonite. Has positive click, which is always in operation. Diameter of end plates, 3 inches; width of spool, ¾ inch; capacity, 40 yards E double tapered line.

Price, $10.00.

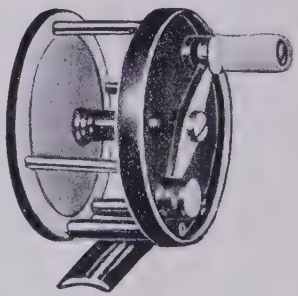
JULIUS VOM HOFE
RAISED PILLAR SINGLE ACTION REEL.



Fine rubber and German silver. Countersunk protected handle. With balance handle, back-sliding click. (Steel click cog, spring and ratchet.) Making either a free running or click reel. With patent adjusting pivot cap. Very strong and durable. Especially adapted to heavy fly fishing. The best reel made for hard service. Raised pillar form gives large line capacity.

No.	150	155	160
Yards	100	150	200
Each	$6.00	$8.00	$10.00

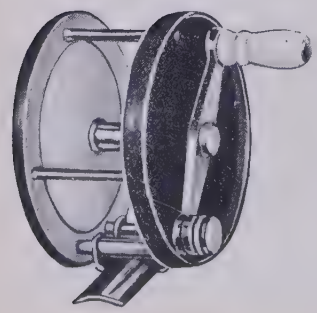
"CASSETTE" SINGLE ACTION CLICK REELS.



Fine hard rubber plates and German Silver spool and mountings with safety bands. Balance handle. Adjustable click. Light, strong and durable. Satisfactory in every way for general fly fishing.

No. 63. Capacity, 80 yards Price, $3.00
No. 64. Capacity, 100 yards Price, 3.50

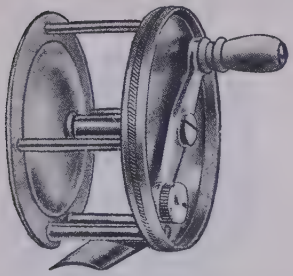
"BIJOU"
SINGLE ACTION CLICK REELS.



A first-class fly reel at a moderate price. Strongly made of good materials and nicely finished. Hard rubber side plates with metal safety bands. Balance handle revolving within raised edge of bands. Adjustable click. Finished in fine nickel plate.

No. 303. Capacity, 40 yds. Price, $1.00
No. 313. Capacity, 60 yds. 1.25
No. 323. Capacity, 80 yds. 1.50
No. 333. Capacity, 100 yds. 1.75

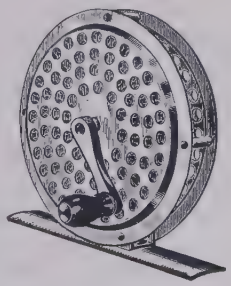
"JUNIOR" SINGLE ACTION CLICK REEL.



An extra strong reel for fly fishing designed to supply the need of a moderate priced reel which would do the work and stand abuse and hard usage. The action of this reel will be found first rate and satisfactory in every respect. All metal construction, finished in polished nickel plate. Made in one size only.

No. 15. Size, 80 yards. Weight, 6 ozs.....Price, $1.50

IMPROVED ORVIS FLY REELS.



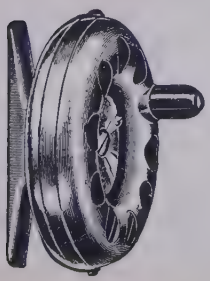
No. 1—It is now put together with screws instead of rivets—has bushed bearings and screw-off oil cap, reel bar improved in shape, click perfected and placed between plates.

The reel is perforated to make it light and also that the line may dry without removing it from the reel after use. It is very light, very strong, and holds from 40 to 50 yards of No. 4 waterproof line. It is more compact and less cumbersome than ordinary 25 yard reels.

Regular style, with crank handle.....Price, $2.50
With Safety Band..... 3.00
Aluminum..... 3.50

No. 2—Improved Orvis Reel for Bass Fishing—Has balance handle, safety band and back sliding click, making either a free running or click reel, holds 70 to 80 yards of No. 4 line. Price, $3.00.

"CLINTON" SINGLE ACTION FLY REEL.

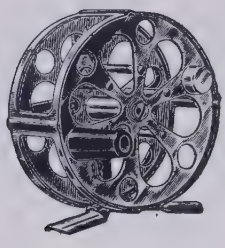


Holds thirty yards of fly casting line, and will never back lash when you are getting out your cast. It is made entirely of German silver and aluminum, has an enclosed click of tool steel, and has a hollow, self-oiling centre bearing. To oil, take out the centre screw and put a drop of good oil in the hollow spindle. It will last for many months.

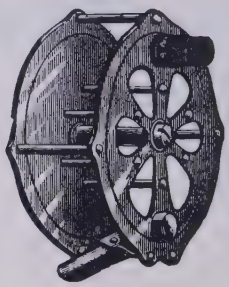
The line holder, which is ventilated so that line will dry, encloses the line so that it cannot be caught on brush or handle. Weight only 2 ounces.

Price, $5.00

THE "FEATHERLIGHT" REELS.



Nos. 251-261-291



Nos. 271-281

The lightest reels made and great favorites. Removable spool. Back-sliding steel click and steel spindle. The large diameter of winding spool reels in the line considerably faster than the regular single-action pattern, while the open frame above and below allows the line to dry on the spool. Numbers 251, 261 and 291 are extra light. The frame, cross-plate and back-plate being made entire from one piece there are no screws or rivets to work loose and get lost. Finished in nickel or bronze.

No. 251.	Capacity, 40 yards.	Weight, 2 3-16	ozs.....Price,	$1.00
No. 261.	Capacity, 60 yards.	Weight, 3	ozs.....	1.35
No. 271.	Capacity, 70 yards.	Weight, 4	ozs.....	2.00
No. 281.	Capacity, 80 yards.	Weight, 4 5-8	ozs.....	2.00
No. 291.	Capacity, 100 yards.	Weight, 5 1-2	ozs.....	1.75

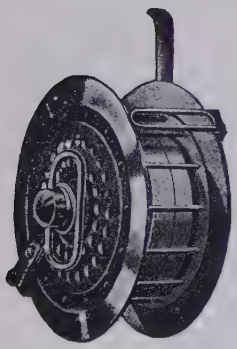
WIRE LINE REEL.

This reel is made especially for deep trolling with wire lines and is the proper size and shape. The large, narrow spool takes in the line quickly and evenly. Simple in construction and nothing to get out of order. Fitted with a powerful drag, which is controlled by one finger in the same manner as an automatic reel. Strongly made of hard brass and heavily nickeled. Diameter of spool, $4\frac{5}{8}$ inches; width, 1 inch; capacity, 150 to 200 yards.

Price, $1.75.

AUTOMATIC REELS.

"The Little Finger Does It."



Can be used as an automatic or free running reel, or both.

Style A.

Diameter 2 7-16; weight, 7½ ozs.
Price, $7.00.
Capacity, 125 ft. No. 5 Silk Line; winds 50 ft. automatically.

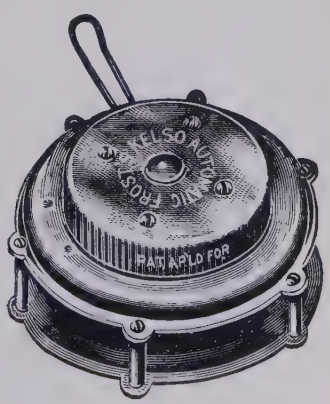
Style B.

Diameter, 3⅛ ins.; weight, 11 ozs.
Price, $8.00.
Capacity, 300 ft. No. 5 Silk Line.; winds 90 ft. automatically.

Style C.

Diameter, 4⅛ inches. Weight, 16 ozs. Price, $9.00
Capacity, 600 ft. No. 5. Silk Line; winds 150 ft. automatically.

KELSO AUTOMATIC REEL.



A decided improvement in automatic reels. It is considerably lighter than the old style ones; weighing but 7½ ozs. Case made of aluminum satin finish. All working parts enclosed. Mechanism is very simple and not likely to get out of order. Spool is fitted with automatic tension, allowing line to be unreeled even when spring is fully wound. Tension can be increased at will without stopping the spool; this cannot be done with any other reel.

Size of spool, 3¼x⅝; Capacity, 100 yards No. 5 line.....Price, $4.00

WOOD REELS.

For Salt Water Fishing

The best made. Fine mahogany, with polished brass fittings.

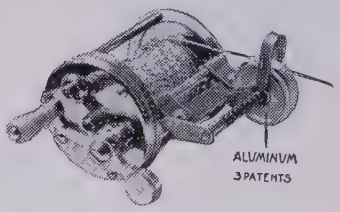
Ball Bearing

5-inch, $2.10. 6-inch, $2.25. 7-inch, $2.75

Tubular Bearing

5-inch, $1.25. 6-inch, $1.50. 7-inch, $1.75

THE "REDIFOR" SPOOLER.



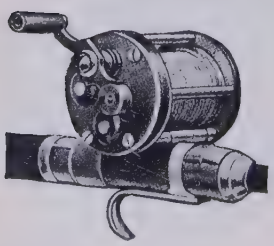
A level winding device for reels. These spoolers are a big improvement and work perfectly and without friction. Can be thrown in or out of action in a second and is quickly attached or detached. This spooler only operates when the line is being reeled in as the forward motion of the cast throws the spooler out of gear. The line then runs freely through a guide and gives no more friction than one guide on the rod.

On this spooler the guide travels only as one winds in, the line rolls over the wheel with it and does not drag across it, so there is no wear on the line.

When ordering give the length of the pillars of your reel; that is, the width between the side plates. Price, $3.00

No. 0. For spools $1\frac{3}{8}$ in. wide. Between Side Plates.
No. 1. For spools $1\frac{1}{2}$ in. wide " " "
No. 2. For spools $1\frac{5}{8}$ in. wide. " "
No. 3. For spools $1\frac{3}{4}$ or $1\frac{7}{8}$ in. wide. Between Side Plates.

FINGER HOOK AND REEL LOCK.



Can be attached in various positions. For the average hand, attach as in cut.

If hook is desired closer to hand, place band between posts on reel.

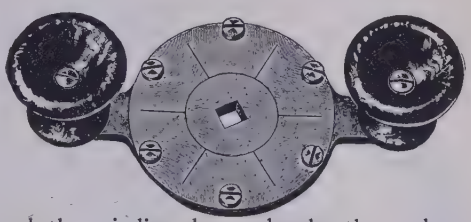
Note the slant in the projections on band. In placing on rod this slant must correspond with taper on finger piece.

Bands are numbered 1 and 2, the latter being the larger.

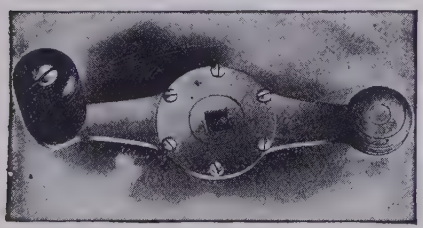
Tighten by pushing with thumb against small end of finger piece while pulling on hook.

Price, 50 cents.

THE "RABBETH"
ADJUSTABLE REEL DRAG OR BRAKE.



This drag is suitable for tarpon, tuna, or other large fish. It is made from German silver, highly finished, and the workmanship is of the very best. The radical advantage of this drag consists of an adjustable connection between the crank handle and the winding drum whereby the angler is enabled to bring a fish to gaff without once letting go of the reel handle, thereby avoiding the liability of an overrun or of the fish getting slack line. The friction connection being easily adjustable to any strength of tackle, it becomes impossible for the fish to break it or escape final capture if fairly hooked. When a fish runs, hold the handle, and never let go of it until the fish is brought to gaff; this is done with less exertion than is required in any other way, as with this device the drag handle does not revolve when fish is running. When ordering, specify exact size of hole in reel handle, or, better still, send your reel to be fitted. Price, $5.00.



THE "GOVERNOR" DRAG.

This is a reduced form of the famous "Rabbeth" drag. May be fitted to any reel. Can be adjusted to give friction just within the breaking strain of the weakest point in the tackle. It never fails to do this at the critical moment. The reel having a "Governor" attached is entirely under the control of the angler's right hand, while the left hand is free. No leather pad or other friction device is needed. The angler holds the handle and the friction disks do the rest. Any rush which would ordinarily break the line is taken up by the disks under well-regulated friction. When the fight relaxes, the angler turns the handle and the line is recovered at the full speed of the reel. Many anglers will keep on reeling in line when fish is running, and in most cases they lose both tackle and fish. This device acts as a "Governor" on fish and fisherman.

	Nickel.	Silver.
No. 2. For Striped Bass, Bluefish, Muskallonge, etc.....	$2.00	$2.50
No. 3. For Black Bass, Pike, Pickerel, etc.....	1.50	2.00

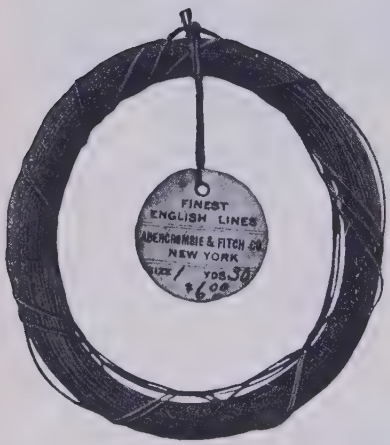
When ordering, specify exact size of hole in reel handle, or better still, send us your reel to be fitted.

"AYANEFCO" SOFT ENAMEL LINES.

(Vacuum Dressed.)

Finished by the Halford Process.

The Finest Lines in the World.



These lines, which are made for and imported by us exclusively, are absolutely without equal for finish, flexibility and wear. They positively will not kink, the enamel will not chip or strip and the line comes from the reel evenly and smooth. In casting they are perfection as the long tapers and correct balance carries true. The fisherman who employs the "slack line" cast will find they render smoothly and without snarling. Their wonderful flexibility and ease of floating makes them especially valuable to the "dry fly" fisherman as this line carries out and lies upon the water straight and true. Their durability is no less wonderful and they will stand several seasons' hard use with no appreciable wear and the longer they are used the softer and smoother they become.

They are braided solid from the very finest silk, carefully enameled by the vacuum process and dressed down by hand. As the finishing of these lines is all hand work, and by a secret process, we are only able to secure a few lines at a time, the supply by no means equalling the demand. We endeavor, however, to keep in stock a few lines each of the sizes listed and new stock is constantly being received. This line is one of our greatest specialties and cannot be duplicated or obtained elsewhere.

Made in double tapered styles only and finished in a brown color. No. 1 is for rods of 3 ozs. or less. No. 2 for rods from 3 to 4 ozs. No. 3 for rods 4 to 5 ozs. No. 4 for regular fly rods and No. 5 for very heavy fly rods or grilse rods.

Doubled Tapered Trout Lines.

All Sizes, 30 yards long	Each,	$6.00
All Sizes, 40 yards long	Each,	$8.00

Double Tapered Salmon Lines.

Light, Medium or Heavy.

All Sizes, 40 yards long, (For splicing)	$12.00
All Sizes, 100 yards long	20.00
Splicing salmon lines (in addition to cost of "backing")	1.00

"IMPERATRIX" IMPORTED ENGLISH LINES SOFT ENAMEL.

Braided solid from the very finest silk and are perfect in make and finish. Enameled by a new "Vacuum pump" process which produces a line practically one solid piece of silk and enamel. Finished and polished by hand until they are as soft, smooth and flexible as raw silk and run out straight and even—they never kink. The enamel does not "knuckle" or chip off and they will outlast any hard enamel line. There are other makes advertised as "Vacuum Dressed," but excepting our "Ayanefco" none have their wonderful flexibility and finish. We guarantee them perfect and recommend them to critical anglers who desire a fine, smooth-casting line.

The sizes listed are about one size smaller than the same number in American lines.

LEVEL TROUT LINES.

Put up in coils of 25 yards—4 connected.
Prices are for 25 yards.

Size	I	H	G	F	E
Price	$1.25	$1.50	$1.75	$2.00	$2.50

DOUBLE TAPERED TROUT LINES.

Size F	Size E	Size D	Size C	Size B
30 yds., $3.00	30 yds., $3.50	30 yds., $4.00	30 yds., $5.00	30 yds., $6.00
40 yds., 4.00	40 yds., 4.50	40 yds., 5.00	40 yds., 6.00	40 yds., 7.00

DOUBLE TAPERED SALMON LINES.

All sizes 42 yards long.

Light, $7.50 Medium, $8.50 Heavy, $9.50

TOURNAMENT CASTING LINES.

Made expressly for the purpose on sizes and dimensions furnished by Mr. Lou S. Darling. Special lengths, sizes and tapers for different rods. Particulars upon request.

"THE TOURADIF."

Highest Grade Hard Enameled Silk Lines.

All Finished in "Water Color."

Made of best Italian filature silk. Very carefully braided and months taken to harden the enamel. A perfectly smooth and durable line. Runs freely through the guides, and will endure the hardest kind of casting. No other enamel line in the market has the smooth, glassy polish with which these lines are finished.

We absolutely warrant these lines to be perfectly enameled and the highest quality made.

SALMON AND GRILSE LINES.

Size	Length	Double Taper
B	120 yds	$12.00
C	120 "	11.00
C	100 "	10.00
D	100 "	9.00

TROUT AND BASS LINES.

Size	Length	Level	Double Taper
D	40 yds		$4.00
E	100 "	$7.00	
E	40 "		3.25
E	30 "		2.50
E	25 "	1.75	
F	100 "	6.00	
F	35 "		2.25
F	30 "		2.00
F	25 "	1.50	
G & H	100 "	5.50	
G & H	25 "	1.40	

"Mansfield" Tournament Line, 115 feet, double tapered..... 5.00

"THE BIC" ENAMELED SILK LINE.

Made of pure silk, carefully braided and enameled. This line is offered to meet a demand for a good durable line at a moderate price. It is an excellent line and equal to many sold at much higher prices. These lines come in 25-yd. coils, 4 connected, level lines only.

Size E,	100 yds.....$4.00	50 yds.....$2.00	25 yds....$1.00
Size F,	100 yds..... 3.00	50 yds..... 1.50	25 yds.... .75
Size G,	100 yds..... 2.50	50 yds..... 1.25	25 yds.... .65

BRAIDED SILK CASTING LINES.
"A. & F. SPECIAL."

This line is the very best quality that can be made. Manufactured of the best Italian filature silk from which the famous Italian sewing silks are made. This method preserves the full strength of the silk.

The finish is smooth and even. It is a magnificent line in every respect, and we warrant every one perfect.

Color, Bronze or Black.

Put up on spools of 50 yards, two connected.

No. 6, Fine. No. 5, Medium. No. 4, Heavy.

Price per spool....$1.50

"AJAX."

A fine quality hard-braided silk line.

Black and white in color. Suitable for all styles of general bait fishing and a good, serviceable line in every way. Put up on cards of 25 yards, four connected.

No. 6.	Size, Fine.	25 yds.	$0.50	100 yds $1.75
" 7.	" Medium	"	.55	" 2.00
" 8.	" Heavy	"	.60	" 2.25
" 9.	" Extra Heavy	"	.75	" 2.75

"VICTRIX" SILK LINES.

Best in the World.

These splendid lines, made exclusively by us, are positively the finest and best bait casting lines made. They are braided in a solid plait by a new process which affords a much finer and closer set and these lines, size for size, are much stronger and more elastic than lines made by the old process. They run very free and smoothly from the reel and carry little or no water. For fine bait and minnow casting they are perfection and absolutely unequalled for smooth running. The breaking strength of these lines as given below is from standard testing machine and guaranteed correct. The color is mottled green and white, turning green after wetting. Put up on spools of 50 yards each, two spools connected.

No. 3	Breaking strain 6 lbs..... Price, per spool,	$0.65
No. 5	Breaking strain 8 lbs.....	.75
No. 7	Breaking strain 12 lbs.....	.90

"VICTRIX" TOURNAMENT LINES.

Hold All World's Records.

This wonderful line is made from the same material and in the same manner as the regular "Victrix" lines. It is no larger in size than regular sewing silk yet it is braided and very elastic. It is the smoothest running and most free casting line ever made and carries no water. Used by the great majority of expert casters and holds all distance bait casting records both here and abroad. Guaranteed superior to any other line in the world.

Half-ounce Line. Green and White. On 100 yard spools.....	$1.00
Half-ounce Line. White. On 500 yard spools.....	1.75
Quarter-ounce Line. White. On 700 yard spools.....	1.50

"ROYAL BLUE" TOURNAMENT LINE.

Made by us exclusively and designed for those who prefer a little heavier line than the "Victrix." Very fine, smooth braid, exceptionally free running and carries very little water. Largely used for accuracy casting. Black in color. Put up on spools of 50 yards, two spools connected. Price per spool, 75 cents.

BRAIDED SILK CASTING LINES.

"TROJAN."

Our own special line. Made from the purest Italian filature silk. Very strong for its size and will outwear and outlast any similar line of the same calibre. This line is a cylinder braid over hand-laid core, is soft, smooth, free-running and elastic. Green and white in color. Size, $5\frac{1}{2}$.

Put up on spools of 50 yards, two connected.
Price, per spool $1.00.

MARTIN'S "KING FISHER."

These famous lines need no introduction and are known to anglers of every degree. Made expressly for bait casting from especially twisted silk of fine quality and is a splendid line for hard service. Color, white with black thread.

Put up on spools of 50 yards, two connected.

No. 6.	Light	Per spool,	$ .70
No. 5.	Medium	" "	.75
No. 4.	Heavy	" "	1.00
No. 3.	Extra Heavy	" "	1.20

MARTIN'S "SLICKEST."

Made of the best silk for hard, rough fishing. These lines are braided "square" and are very close and hard. They are too hard for long casting and fine work. Recommended particularly for general lake fishing and heavy bait casting. Drab in color, speckled with red and green. Spools of 50 yards, two connected.

No. 5.	Medium	Per spool,	$1.25
No. 4.	Heavy	" "	1.50

"REX" TWISTED LINEN LINES.

We offer this line with our unqualified guarantee behind it as the very finest and best line of its kind. Hand laid entire and made from the finest Irish flax procurable. Warranted smoother and stronger, size for size, than any other linen line made. The twist in this line is laid so tight it is almost impossible to upset and for casting from the reel through the surf, blue fishing, etc., it is absolutely unexcelled. This is the famous line of the "Three-Six" and "Light Tackle" clubs and cannot be equalled for strength, smoothness and finish. No sizing, dye or filling of any kind used and line is finished in natural flax color.

Guaranteed to test over two pounds pull per thread. These lines, as with all twisted lines, should be "set" before using. This is done by thoroughly soaking the line, stretching it taut and allow to dry, which serves to even its strength and also renders it less liable to kink or upset. No. 18 is standard tarpon size and No. 21 the regulation tuna line, though lighter lines are used.

Number	50 yards	100 yards	200 yards	300 yards
6	$ .50	$1.00	$2.10	$3.25
9	.55	1.10	2.20	3.50
12	.60	1.15	2.30	3.75
15		1.20	2.40	4.00
18		1.25	2.50	4.25
21		1.30	2.60	4.50
24		1.35	2.70	4.75
30		1.45	2.90	

"A. & F. CUTTYHUNK" LINE.

A twisted linen line, made from good quality flax, and an excellent line for general use at a moderate price. Smooth, strong and uniform. Warranted free from sizing and dye, finished in natural color, and will be found perfectly satisfactory for ordinary use. On spools of 50 yards, two spools connected

No. 9	Price per Spool			.....	$ .25
No. 12	"	"	"	.....	.30
No. 15	"	"	"	.....	.35
No. 18	"	"	"	.....	40

"MONTAUK" BRAIDED LINEN LINES.

Made from fine quality long-fibre flax, entirely free from sizing and injurious dye-stuffs. Smoothly braided, of uniform size and texture and tremendously strong for its size. Braided lines are superior to twisted lines for trolling on account of their non-kinking qualities. Put up in hanks of 25 yards each, four hanks connected.

No.	Style	25 yds.	100 yds.
3	Fine	$ .20	$ .75
2	Medium Fine	.25	.80
1	Medium	.25	.90
0	Medium Heavy	.30	1.00
2/0	Heavy	.35	1.25
3/0	Extra Heavy	.45	1.50

"NARRAGANSETT" TROLLING LINES.

HAWSER LAID.

An extra heavy line of great strength. Made of good quality linen, hand laid, with the famous "hawser twist." These lines are especially desirable for use as hand lines for deep sea trolling for such fish as king-fish, horse mackerel, bluefish or for still fishing for large cod, shark, etc. Their large size makes them easily handled and they are less liable to cut or burn the fingers as the smaller lines do. Put up in hanks of 85 feet, three hanks connected.

Price per hank, 50 cents.

"MOHEGAN" WIRE TROLLING LINE.

These lines have entirely replaced all others for deep lake trolling for such fish as lake trout, togue, etc. Their great advantage is that they require no lead or sinkers to take the line down to the required depth, unless exceptionally deep, and there is in consequence much less drag upon the line. Another thing in their favor is that the line is always rigid and as a fish must strike against a taut line he invariably hooks himself—there is no stretch or give as with linen or other lines. The "Mohegan" is made of fine copper wire, braided over a core of silk, and is very strong and will not rust. This line does not kink and spring up in coils as the twisted lines do and is very soft and flexible and easily wound upon the reel. Put up in 50 yard spools, two spools connected.

Size F.	Light. Per spool	$2.00
Size E.	Heavy. Per spool	2.25

We recommend size E for general use.

TWISTED COTTON LINES.

A good, strong line for use as light hand lines, with cane poles for "spatting" or "skittering" and for rigging up pickerel traps for fishing through the ice. Put up in hanks of 50 feet.

Price per hank, 10 cents.

LEADERS.

MIST-COLORED SILKWORM GUT.

The very finest quality imported stock and we use only the highest grade of gut it is possible to obtain, great care being taken in the selection.

We sell no "cheap" gut, either in leaders or flies, and warn all anglers against using it—it is only a waste of time and money, to say nothing of fish and temper lost. We use a special knot on our leaders, which is so tied as to leave both ends of the strands in the center of the knot, and finishes round and smooth—it is the best knot used. All our leaders may be had with or without loops, as desired, but unless specified we will send loops.

We guarantee our leaders, as tied with our famous knot, superior to all others, and we have every confidence that the goods will prove our claim.

No.	Grade	3 ft.	6 ft.	9 ft.
XX	Gauze		$0.35 each	$0.50 each
X	Extra Light		.30 "	.45 "
A	Light	$0.15 each	.25 "	.40 "
B	Standard	.20 "	.30 "	.45 "
C	Heavy	.25 "	.45 "	.65 "
D	Extra Heavy	.35 "	.75 "	1.00 "

SALMON LEADERS.

Finest Imported Gut

This is a line in which we take especial pride, and we spare no effort to procure the very highest quality obtainable.

We use nothing but fresh, imported stock and all are tied with our famous knot and with extra long end loops. Every leader is carefully tested and warranted perfect.

Regular stock is all in 3-yard lengths, but we will tie shorter or longer lengths to order at proportionate prices.

No.	Grade	Each.
A. S.	Light	$1.50
B. S.	Medium	2.00
C. S.	Heavy	2.50
D. S.	Extra Heavy	3.00
E. S.	Royal Selecto	4.50
F. S.	Heaviest Imperial	6.50

THE NEW "ZEPHYR" LEADER.

This beautiful leader realizes the dream of the angler since silk worm gut first became known. After years of fruitless experiment a method has at last been discovered whereby it is possible to produce strands of the most *perfect gut three feet in length!* At present we can only supply them in "Fine" sizes, but we hope, eventually, to succeed in obtaining them in all sizes.

Length, 6 feet.	2 strands of gut.	Mist color.....	Each,	$ .65
Length, 9 feet.	3 strands of gut.	Mist color.....		1.00

TROLLING LEADERS AND TRACES.

No.	Style	Price each 3 ft.	6 ft.
A. T.	Double Gut.....	$0.25	$0.50
B. T.	Twisted Treble Gut—1 swivel.....	.40	
C. T.	Twisted Treble Gut—2 swivels.....		.75
D. T.	6-ply Cable Gut—lashed ends.....	.30	
E. T.	Bronze Wire, rust-proof—2 swivels and link	.15	
F. T.	Same, extra heavy.....	.25	

STEEL LEADERS.

No. 1.	3 ft. long.	Swivel at each end.....	Each,	$0.10
No. 2.	6 ft. long.	Swivel each end and in center.....	"	.25
No. 3.	3 ft. long.	Twisted silvered wire—1 swivel.....	"	.15
No. 4.	5 ft. long.	Twisted silvered wire—2 swivels.....	"	.25

ENGLISH TWISTED STEEL LEADERS.

Made from the very finest of steel, amalgamated and silver plated. They possess enormous strength—will not rust—will not kink—and are as flexible as heavy gut. They are very light in weight and can be used in any style of fishing, the same as regular gut leaders. With these leaders it is possible to fish rocky streams and water containing snags, weeds, etc., without danger of losing your leaders through "sawing" or chafing. It is ideal for such fishing as muscallunge, pike, pickerel, and all fish which are likely to cut or "strip" a line.

Fitted with bronze swivels and clew springs.

8-inch, each, 25 cents. 12-inch, each, 35 cents
18-inch, each, 50 cents. 36-inch, each, 75 cents.
72-inch, each, $1.00.

WIRE FOR SNOODS AND LEADERS.

Fine quality braided bronze wire, rust-proof. Per yard, 5c.

STRAIGHTENED WIRE FOR LEADERS.

In packages of 2 dozen strands.

	39 ins., light.	39 ins., medium.	75 in. heavy
Steel (tinned).....	30 cents	45 cents.	75 cents.
Bronze (rust-proof).....	35 "	50 "	1.10

SILK WORM GUT.
VERY FINEST QUALITY IMPORTED.

Put up in Hanks of 25 Strands.

The average angler is not aware of the vast difference in quality and cost of imported gut and of the fact that it is often extremely difficult to procure the first quality. We call particular attention to our stock, which is of the *very highest quality only*— we carry *no* cheap gut, believing it only a waste of time and money. Our gut is all hand polished and *carefully selected*, which naturally adds to the cost, but the benefit to the user is more than commensurate with the price. For the greater convenience of anglers, we are now putting up our gut in hanks of 25 strands instead of the old method of 100 strands to a bundle.

SELECTED STAINED GUT—MIST COLOR.

HANKS OF 25 STRANDS

Length in Inches...	10	12	13	14	15	16	17	18
Light Trout.....					$0.65	$0.75	$0.85	$1.00
Medium Trout....				$0.45	.50	.65	.75	.90
Heavy Trout.....				.50	.60	.85		
Regular Bass.....		$0.50		.60	.75			
Heavy Bass.....		.85	$0.90	.95	1.15			
Extra Heavy Bass.	$1.25	1.35	1.40	1.50	1.65			
Medium Salmon...	1.50	2.00	3.00	3.50				
Heavy Salmon....	2.00	3.50	5.00					

DRAWN GUT.

STAINED AND SELECTED.

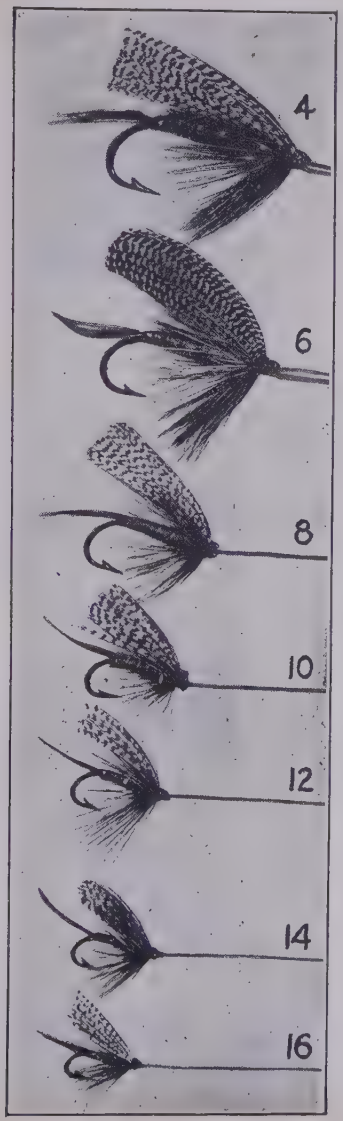
Length in Inches.....	15	16	17	18	20
Special Extra Light.....		$0.75	$1.00	$1.25	$1.75
Very Light.....	$0.50	.60	.75	1.00	1.50
Medium Light.....	.45	.50	.60	.85	
Light.....	.50	.65	.75		
Medium.....	.75	1.00			

"ZEPHYR" SILK WORM GUT.

The same from which we make our famous "Zephyr" Leaders. All strands are 36 *inches long* and warranted perfect. Stained mist color.
Hanks of 25 strands.....Price, $3.00

"TIPPETS" FOR EYED FLIES.

Those who use eyed flies will find these to be a great advantage and a saving to leaders. For those who prefer to attach snells to eyed flies, for greater convenience in changing, they are invaluable. Tied with loops and stained mist color. Finest quality gut only.
Light and Medium, 4½ inches long.....Per dozen, 20 cents
Heavy, 4½ inches long.....Per dozen, 25 cents
Extra Heavy, 4½ inches long.....Per dozen, 30 cents



ARTIFICIAL FLIES.

SNELLED.

These flies represent the very best quality it is possible to produce in hooks, snells and dressings. All are tied with the "reversed wing," which, while more expensive to tie than the old style "laid on" wing, is much better and far more durable. We tie our regular stock on sproat hooks, believing them to be the best for general use, but will supply any desired hook and tie special patterns to order at short notice.

Being practical anglers ourselves and familiar with the various styles of fishing in vogue in different parts of the country and abroad, as well as the proper tackle and equipment required, we are in a position to advise and assist patrons outfitting for strange waters, which we shall be most pleased to do at all times. The illustrations shown on this page represent a few of the sizes carried regularly in stock, and on the following pages special styles and patterns.

REGULAR SNELLED FLIES.

Sizes 16 to 8. Single Snell,
Per Dozen $1.00

Sizes 6 to 4, Single Snell,
with "helper." Per Doz. 1.50

Sizes 2 to 1/0, Single Snell,
with "helper." Per Doz. 1.75

For list of patterns, see page 378.

LIST OF FLIES CARRIED REGULARLY IN STOCK.

PATTERNS MARKED * CONSIDERED GOOD FOR BASS.

Al. French
*Alexandria
Alder
Abbey
*Babcock
*Belgrade
*Benny
*Brownie
*Bloody Butcher
Black Drake
Black Prince
Black Gnat
Black Moose
Black Hackle
Black Hackle, Yellow Body
Black Palmer
Black Ant
Brown Hackle
Brown Hackle, Red Body
*Brown Hackle, Yellow Body
*Brown Palmer
Brown Ant
Beaverkill
Blue Dun
Blue Bottle
*Bee
Beauty
Barrington
Cahill
Catskill
*Coachman
Coch-y-bon-dhu
Col. Fuller
Canada
Cowdung
Caddis
Darling's Fancy
Downlooker
*Dr. Breck
Deer
Evening Dun
Furnace
*Ferguson
Gray Fox
Gray Hackle
Gray Hackle, Red Body
Gray Drake
Green Drake
Golden Spinner
Gordon
*Grizzly King
Governor
Great Dun
General Hooker
Gold Stork
Ginger Hackle
Gold Monkey
Hare's Ear
*Jungle Cock
Jenny Lind
Katydid
King of Waters
Lead Wing Gnat
Lead Wing Coachman
*Little Injun
*Lord Baltimore
*Montreal
March Brown
*McGinty
Monk
Orange Spinner
*Oriole
*Orange & Black
*Polka
Parmachenee Belle
*Parmachenee Beau
*Professor
Queen of Waters
Quaker
Raven
*Red Ibis
Red Spinner
Red Hackle
Red Ant
Red Fox
Red Tag
Rube Wood
*Royal Coachman
*Seth Green
Silver Stork
*Silver Doctor
Silver Dun
Stone Fly
*Sassycat
Tootle Bug
Van Patten
Whiskers
*White Tip Montreal
White Miller
White Moth
Wood Duck
Willow
Willow Drake
*Wickham's Fancy
*Yellow Coachman
Yellow Professor
*Yellow Sally
Yellow Miller
Yellow Hackle
*Yellow May
*Yellow Montreal.
Zulu

Jungle Cock wings on all flies supplied to order, 50 cents per dozen extra. Special patterns tied to order at short notice, in lots of one-half dozen only of a size and pattern.

SNELLED PENNELL EYED FLIES.

Reversed Wing.

Tied on the finest quality, imported Pennell turn-down eye hooks. The great advantage of this style of fly is that the snell is subject to far less wear where it is joined to the hook. When it becomes chafed or broken, the old snell may be removed and a new one attached to the eyed hook, or the fly may be attached directly to the leader. The following patterns carried in stock:

Sizes, 6, 8, 10, 12 and 14.

Price per dozen, $1.25.

Alexandria
Black Palmer
Black Gnat
Brown Palmer
Brown Adder
Beaverkill
Cahill
Cowdung
Furnace
Grizzly King
Gray Fox
Gray Palmer
Governor
Ibis
Jenny Lind
Jungle Cock
Montreal
Orange Spinner
Parmachenee Belle
Professor
Queen of Waters
Rube Wood
Royal Coachman
Silver Doctor
Stone
Sassycat
White Moth
Wickham's Fancy
Willow
Yellow May

ENGLISH "MATCHED WING" EYED FLIES.

The use of these flies has greatly increased in the last few years and we carry regularly in stock a fine assortment of English patterns. They are exquisitely made and of beautiful quality. A most excellent fly for very fine fishing and for clear, white water it is unexcelled. Tied on turn-down eye Sneck bend hooks. Sizes, 10, 12 and 14 in the following patterns:

Price per dozen, $1.00.

Alder
Black Gnat
Black Prince
Yellow Sally
Wickham's Fancy
March Brown
Oak
Seth Green
Olive Gnat
Red Ant
Stone Fly
Red Spinner
Gov. Alvord
July Dun
Woodcock & Hare's Ear
Green Drake
Silver Dun

For "tippets" or snells for above, see page 376.

IMPORTED "MAY FLIES"

Tied with French Silk Fibre "Gauze Wings" to represent the wings of the natural fly, and with soft rubber bodies and feathered tails. The closest imitation of this fly made and a great killer on most waters in the proper season.

Snelled on Sproat hooks, sizes 4, 6, 8, 10 and 12.....Per dozen, $1.50

SNELLED "GAUZE WING" FLIES

WITH REGULAR BODIES.

A clever imitation of the transparent wings of the natural fly. Tied with French Silk Fibre wings on Sproat hooks; sizes, 8 and 10. We carry the following patterns only: Price per dozen, $1.25.

Abbey	Grizzly King	Queen of Waters
Coachman	Montreal	Royal Coachman
Cowdung	Parmachenee	White Miller
	Professor	

FLOATING "MAY FLIES"

IMPORTED ENGLISH MAKE.

Of the very finest quality and the most beautifully tied and natural flies possible to produce. They are splendid killers for dry fly fishing, especially late in the season, and float perfectly. Tied with upright matched wings on turndown eye Sneck hooks, size 12.

Price per dozen.

Summer Duck, Straw Body.....	$3.00
Summer Duck, Cork Body.....	3.50
Yellow May, Cork Body.....	2.50
Yellow May, Straw Body.....	2.00
Gray Drake, Cork Body.....	2.50

For tippets for above flies see page 376.

ENGLISH FLOATING FLIES.

For Dry-Fly Fishing.

By a peculiar method of tying and arrangement of the hackles, these flies are so made that when lightly cast they will float naturally upon the surface of lakes or slow-running streams. Experienced anglers will find them a most fetching lure for "pool" fishing in the late spring and early summer. To meet the growing demand in this country we now import a special grade of the very finest quality. Tied on turned-down eye Sneck hooks, without snells, sizes 8, 10, 12 and 14, in the following patterns:

March Brown	Yellow May	Queen of Waters
Beaverkill	Willow	Black Gnat
Whirling Dun	Gray Drake	White Miller
Evening Dun	Stone	Cahill

Price, per dozen, Nos. 10, 12 and 14..... $1.25
Price, per dozen, No. 8..... 1.50

For "tippets" or snells for above flies, see page 376.

BUCKTAIL BASS FLIES.

Largely used and a great favorite on many waters. Wings and hackles made from the hair of a buck's tail. Tied on best hollow-point Sproat hooks, snelled with helpers, sizes 2, 4 and 6 in the following patterns:
Price per dozen, $1.25.

Buck	Fawn	Princess Fawn
Doe	King Buck	Queen Doe

SPECIAL SOUTHERN FLIES.

Of late years many fishermen have taken up fly fishing in Southern waters for sea trout, channel bass, tarpon, etc., and the sport is steadily coming into favor. For this purpose we carry in stock a special line of flies, tied on extra quality, hand-forged O'Shaughnessy hooks, with twisted gut loops, in the following patterns:

Parmachenee Belle	Royal Coachman	Sassycat
Silver Jungle Cock	Silver Doctor	Cracker
Homosassa	Alexandria	Col. Hopkins
	Ferguson	

Price, Size 5/0.....Per dozen, $5.00
Price, Size 1/0.....Per dozen, 3.50

LOOPED FLIES.

A fine style of fly and much used for salmon, bass, large trout, and all heavy fishing—also for fly spoons, spinners, etc. Beautifully tied on sproat hooks with twisted gut loops.

The following patterns carried in stock:

White Tip Montreal	Jungle Cock
Parmachenee Beau	Little Injun
Wickham's Fancy	Brown Palmer
Royal Coachman	Silver Doctor
Queen of Waters	Yellow Sally
Parmachenee Belle	Seth Green
Bloody Butcher	Gold Stork
Jenny Lind	Ibis, J. C.
Lord Baltimore	Sassycat

B. Pond Brownie Monk Belgrade
Benny Montreal Bee Ferguson

(Any pattern tied to order).

Price per dozen: sizes 6 to 2, $2.00; sizes 1 to 1/0, $2.50.

We believe this style fly, with the twisted gut loops, superior to the eyed fly for the reason that leaders are more easily adjusted and there is no danger of the hook rusting and injuring the leader. For those who prefer the eyed fly, however, we will so tie them to order, in lots of one-half dozen of a size and kind, at same prices.

SPECIAL GRADE LOOPED FLIES.

We have developed this superb line of flies to meet the wants of those desiring an extra fine fly. Outside of our imported salmon flies they are the finest flies made. They are all handsome, "showy" patterns and have proved great "killers" for large trout, bass, and salmon. Tied on finest quality sproat hooks, with twisted gut loops. The following patterns carried in stock:

Fiery Brown	Grasshopper
Golden Pheasant	Saranac
Humming Bird	Cracker
Golden Rod	Marston
King of the Woods	Cheney
Blue Jay	Col. Hopkins

Prices, sizes 8 to 1, per dozen, $3.00.

Cassard Tomah Jo Hill Fly Cleveland Moose Fairy

Price, sizes 8 to 1, per dozen, $3.50.

SALMON FLIES.

Special Make and Imported by Us Exclusively.

We call especial notice to this particular collection of flies, for they truly represent the very highest art of the most expert fly tyers as well as the finest of feathers and dressing. They are tied especially to our order on the standard patterns and no part of the dressing is omitted in order to cheapen the cost, nor are dyed feathers substituted for the natural plumage, as is often done. The hooks are the best quality made, each one carefully tested, and no expense is spared in either material or making in order to produce the finest possible line of flies. They are very strongly made and the bodies and dressings of these flies will not strip or twist off. The loops are of very best hard twisted gut and are made extra long in order to facilitate the attaching of leaders, which is often quite difficult with the usual run of flies. We carry regularly in stock the patterns and sizes listed below and can usually furnish any standard pattern to order at short notice.

DOUBLE HOOK SALMON FLIES.

With Twisted Gut Loops.

	No. 1	No. 2	No. 4	No. 6	No. 8
Black Dose.... each	.70	.60	.55	.50	.45
Butcher.....	.70	.60	.55	.50	.45
Durham Ranger.....	.70	.60	.55	.50	.45
Dusty Miller.....	.70	.60	.55	.50	.45
Fairy.....	.40	.35	.30	.25	.25
Fiery Brown.....	.60	.55	.50	.45	.40
Jock Scott.....	.75	.65	.60	.55	.50
Silver Doctor.....	.70	.60	.55	.50	.45
Silver Grey.....	.70	.60	.55	.50	.45
Thunder and Lightning	.70	.60	.55	.50	.45
President.....	.70	.60	.55	.50	.45

IRISH SALMON FLIES.

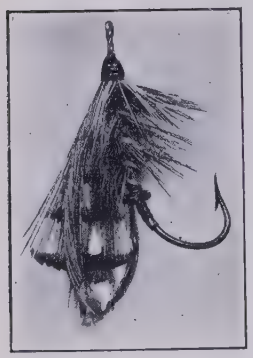
Double Hooks With Twisted Gut Loops.

We carry a select stock of favorite "Shannon" patterns, Irish tied, which are more subdued in color than the usual run of flies and are great killers on many waters.

Price per dozen.

Assorted "Shannon,".....	No. 2—	$5.00	No. 4—	$4.75
Assorted "Shannon,".....	No. 6—	4.50	No. 8—	4.00

SINGLE HOOK SALMON FLIES.
With Twisted Gut Loops.



While the double hook is the American favorite and may be called the standard, the single hook is the English favorite and is also preferred by many of our anglers, especially for fishing in rough streams or in very "high water." These are made in the same careful manner as our double hook flies and have the same long gut loops. The larger sizes are also used quite extensively in the South for sea trout.

Patterns in Stock.

	No. 1/0	No. 1	No. 2	No. 4	No. 6	No. 8
Jock Scott..... each	.70	.65	.60	.55	.55	.50
Silver Doctor.....	.65	.60	.55	.55	.50	.50
Silver Grey.....	.65	.60	.55	.55	.50	.50
Durham Ranger.....	.60	.55	.50	.50	.45	.45
Butcher.....	.60	.55	.50	.50	.45	.45
Fiery Brown.....	.50	.45	.40	.35	.35	.35
Fairy.....	.35	.30	.30	.25	.20	.20
Black Dose.....	.60	.55	.50	.45	.45	.40
President.....	.65	.60	.55	.50	.45	.45

SNELLED SALMON FLIES.
Single Hook.

Snelled with best salmon gut and whipped helpers. Largely used by experienced anglers for small salmon, grilse, ouananiche and sea trout. We use in this grade only the very finest of natural feathers, fully dressed, on the best quality sproat hooks.

Patterns Carried in Stock.

Jock Scott Fairy Black Dose Silver Gray
Durham Ranger Silver Doctor Fiery Brown

Price, per dozen, Assorted.

No. 2—$6.50 No. 4—$6.25 No. 6—$5.75 No. 8—$5.50

SNELLED SALMON FLIES.
Ordinary Grade.

Mixed feathers, dressed on best quality hooks and snelled with heavy salmon gut.

Patterns.

Jock Scott Silver Doctor English Jay President

Price Per Dozen.

No. 1—$5.00 No. 4—$4.50 No. 6—$3.75

HOOKS.

Table of Sizes.

We give below the standard sizes of Sproat hooks for comparison.

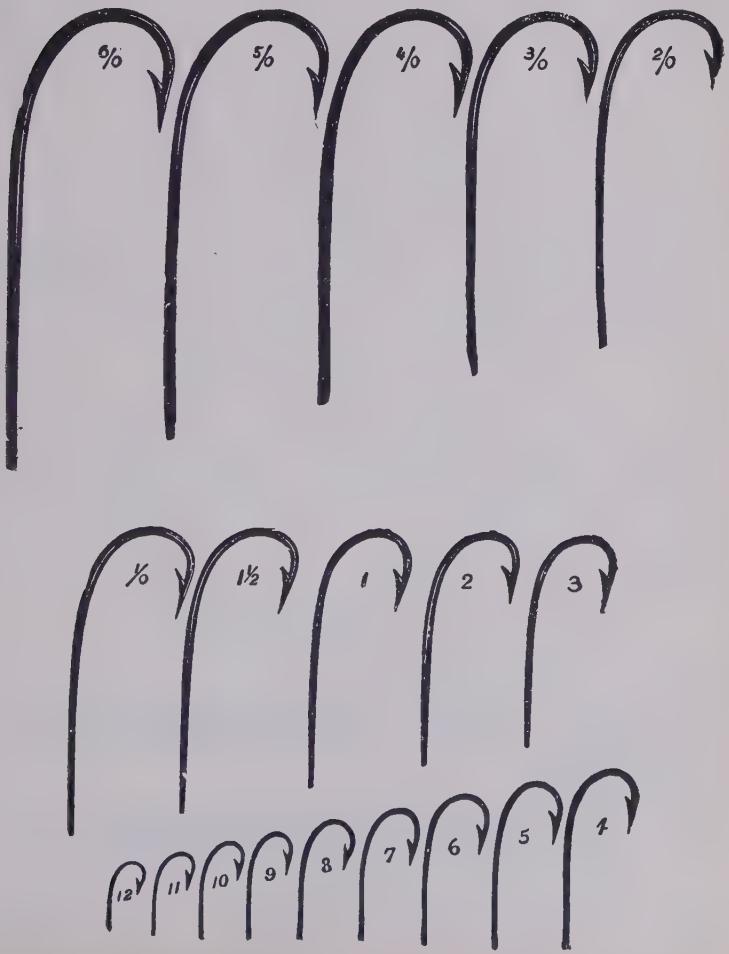


TABLE OF COMPARATIVE HOOK SIZES.

	1 to 10	1/0	2/0	3/0	4/0	5/0	6/0
Sproat—Pennell Carlisle—Aberdeen Sneck—O'Shaughnessy							
Cincinnati Bass	22/26	21	20	19	18	17	16
Chestertown-Blackfish	8/12	7	6	5	4	3	2
Virginia	6/8	5	4	3	2	1	1/0
N. Y. Trout	4/10	3	2	1	1/0	2/0	3/0
Kinsey	13/20	12	11	10	9	8	7
Central Draught	25/30	24	23	22	21	20	19

"ARCHER" BRAND SNELLED HOOKS.

The Finest Hooks in the World.

We carry only one grade of snelled hooks—the very finest imported English quality. The hooks are the highest grade of fine spring steel, beautifully tempered and carefully selected. Points are all hollow ground and the bronzing is perfect. We desire to call particular attention to the snelling of these hooks, which is far superior to any other make. Every hook is carefully *tested* and we warrant them absolutely perfect. Put up one-half dozen in a package.

SNELLED PENNELL HOOKS.

Tapered Shank.

Genuine imported "Cholmondeley-Pennell" turn-down-eyed, bronzed, snelled with finest selected mist color gut. One-half dozen in package.

Nos. 5, 7 and 9, per dozen	On single gut,	$ .50
Nos. 3 and 1, per dozen	" " "	.55
Nos. 1/0 and 2/0, per dozen	" " "	.60

SNELLED O'SHAUGHNESSY HOOKS.

Hand Forged.

Our stock is of the very finest as to quality and shape. Bronzed hooks, carefully tested, snelled with finest grade mist color. One-half dozen in package. The following sizes carried in stock on single gut:

Nos. 8, 6, 4, 2 and 1, per dozen	$ .35
No. 1/0, per dozen	.45
No. 2/0, per dozen	.50

SNELLED CINCINNATI BASS HOOKS.

Finest Imported Grade. Hooks Finished in Bright Steel.

Nos. 21, 22, 23, and 24, on single gut, per dozen	$ .35
Nos. 21, 22, 23, and 24, on double gut, per dozen	.50

"ARCHER" BRAND SNELLED HOOKS.

ABERDEEN, SNECK, SPROAT AND CARLISLE.

One-half dozen in a package.

Sizes		Single Gut	Double Gut	Treble Gut	Gimp
1 to 10	Per dozen	$0.30	$0.40	$0.50	$0.50
1/0 to 3/0	" "	.35	.50	.50	.50
4/0 to 5/0	" "		.60	.60	.55
6/0 to 7/0	" "		.75	.75	.65

LOOPED SPROAT HOOKS.

One-half dozen in a package.

Many prefer this style of hook for heavy fishing and we now carry an assortment of standard sizes. Very highest quality hooks, hollow point. Snelled with extra grade gut loops one inch long.

Sizes		Single Gut	Double Gut	Treble Gut
1 to 5	Per dozen,	$0.40		
1/0 to 2/0	" "	.45	$0.60	
3/0	" "		.70	
4/0 to 6/0	" "			$1.00

LOOPED O'SHAUGHNESSY HOOKS.

With Baiting Pin.

This style hook is a great favorite for salt water fishing. Finest hand forged hooks, mounted with best quality treble twisted gut loops. The end of the shank, which is tapered, is allowed to project one-half inch beyond the wrapping and holds the bait securely in place. Especially desirable for surf casting.

One-half dozen in a package.

Size 3/0.	Per dozen	$0.60	Size 4/0.	Per dozen	$0.70
Size 5/0.	Per dozen	.85	Size 6/0.	Per dozen	1.00

THE "JARVIS" BAIT HOOK.

Snelled Aberdeen or Carlisle.

Fine quality imported hooks, extra stout, finished in bronze and carefully snelled. The only hook which properly holds a minnow.

The baiting pin at the top does the business. To hook a minnow the hook should be passed through the mouth, out through the gills and push minnow up until the baiting pin is within the mouth. Press point of pin through minnow's nose and hook through tail as shown in illustration.

Price per Dozen.

Single Gut	No. 1,	$0.50	No. 1/0	$0.55	No. 2/0	$0.60	No. 3/0 $0.65
Double Gut	"	.60	"	.65	"	.70	" .75

No. 5

No. 4

No. 3

No. 2

No. 1

TARPON AND TUNA HOOKS.

We have given much attention to these hooks and believe those we offer to represent the best for each particular purpose. Many different styles and makes are upon the market, but we have discarded all but those which we have proven to be thoroughly trustworthy and reliable.

Plain Hooks.

Plain ringed, hand-forged Van Vleck; size 10/0; per dozen..... $0.90

Plain needle-eye O'Shaughnessy, per dozen... .50

Special flat top ringed for use with snoods; size 11/0..... .70

Mounted Hooks.

No. 1. For general fishing; mounted with plaited cotton snood, bound with German silver wire; size 11/0, each..... .20

No. 2. For surface fishing in the "passes" or over the bars; mounted with 3-ply tinned steel wire snood and swivel; each .25

No. 3. For deep fishing and "inside trolling"; mounted on rawhide snood; our special model and a very good general hook..... .25

No. 4. For general deep fishing and trolling; mounted on 5-ft. tinned steel snood, with 4-inch German silver chain between hook and snell; swivel; hook is the famous "Van Vleck"; each ..... .30

No. 5. Mounted on 30-inch heavy phosphor-bronze cable snood and two swivels; metal sheath over knots; each..... .50

For general fishing we recommend Nos. 1 and 3. These hooks, while they will hold the largest tarpon, are so mounted that a shark, the bane of tarpon fishermen will "chaw off" and save you much time and tackle.

Hooks mounted in any style to order.

Piano or phosphor bronze wire for snoods and leaders, see page 375.

THE IMPROVED VAN VLECK HOOK.

"The Hook With the Forked Barb."

Made in different size for Tarpon, Tuna, Barracuda, Yellowtail, Amber-jack, Bone-fish Muscallunge and Black Bass.

This hook is the latest improvement and represents the highest type of the art, both in the construction and the quality of the material.

All the improved Van Vleck hooks from the largest tarpon to the smallest bass, are hand forged, evenly tempered and of the best steel that the English market affords. All hooks are thoroughly tested and fully guaranteed.

Tarpon or Tuna hook, on rust-proof bronze cable wire and swivel.
No. 1, large, or No. 2, small.....each, $0.50
Tarpon or Tuna hook, on piano wire with bronze chain and swivel.
No. 3, large, or No. 4, small.....each, .45
Barracuda or Yellowtail hook, on rust-proof bronze cable wire and swivel. No. 5.....each, .40
Grouper or Cod Hook, on piano wire with bronze chain and swivel.
No. 6.....each, .30
Bonefish or Muscallunge hook, on bronze wire, treble twisted gut snell or loop. No. 7.....each, .25

WIRE MOUNTED HOOKS.

Very finest quality. Each one warranted perfect.

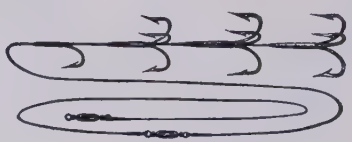
No. 1. Hand-forged O'Shaughnessy, No. 6/0, bronze, mounted on 8-in, 2-jointed German silver snood and swivel; each.. $0.15
No. 2. Same as above, but No. 8/0 O'Shaughnessy, bronzed; each, .20
No. 3. Turned eye O'Shaughnessy hooks on 10-inch tinned steel wire and swivel; size 6/0 .....each .10
No. 4. Same, on two-ply wire, 14 inches long; size 8/0;. each .15
No. 5. Same, on three-ply wire, 20 inches long; size, 10/0; each, .20
No. 6. Same, on phosphor bronze wire, rust-proof; size 6/0; each, .10
No. 7. Same, on phosphor bronze wire, rust-proof, size 8/0; each, .15
No. 8. Short-shank Aberdeen, with turn-down eyes, mounted on 8-inch, soft cable laid bronze wire, size 2/0, for Togue, Bass and Lake Trout .....per half dozen .40
No. 9. Same, size 4/0, for Pike, Blackfish, Pickerel, Striped Bass, etc.....per half dozen. .45
No. 10. Same, size 5/0.....per half dozen .50
No. 11. Same, size 6/0.....per half dozen .55
No. 12. Same, size 8/0.....per half dozen .65

O'SHAUGHNESSY TANDEM HOOKS.

Hand forged hooks of fine quality. For use with or without spinner. Sizes 4-0, 5-0, 6-0.

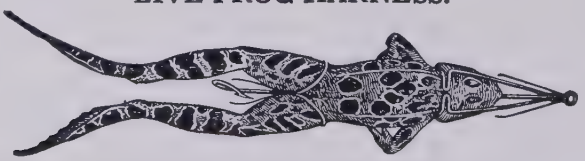
With 4-ply hand twisted gut loops, each..... $ .20
With phosphor-bronze (rust-proof) wire loops..... .25

GANGS.



No. 1. Two Treble Hooks and Lip Hook:
Treble Twisted Gut. 6 ins. long, with swivel; price..30c.
Gimp Trace. 6 ins. long, with swivel; price.....25c.
No. 2. Three Treble Hooks and Lip Hook:
Treble Twisted Gut. 12 ins. long, with 2 swivels; price..... $ .40
Gimp Trace. 12 ins. long, with 2 swivels; price..... .35

LIVE FROG HARNESS.



The most practical, scientific and universally satisfactory live bait ever invented. Made of extra quality filed pointed, 4-0 Sproat style hook, front, with 6-0 Carlisle style hook, rear, and the best music wire, nickel plated.

The Live Frog Harness holds the frog perfectly, and keeps it absolutely alive. The frog is held without hooking, and it is always in natural position, thus making the bait most attractive.

Place the frog in the harness by drawing its hind legs through the saddle loops and place its head in the yoke with the vertical wires just back of the frog's jaw. The saddle loops are made of annealed wire and may be bent to fit the frog.....Price, $ .50

FROG CASTING GANGS.

The best. 2 Hooks and Adjustable Lip Hook:
No. 1. Single Gut and Swivel. No. 1 hooks, each..... $ .30
No. 2. Double Gut and Swivel. No. 2/0 hooks, each..... .40

WORM GANGS.

Three fine Sproat hooks mounted on 5-inch snell for brook fishing with worms, grubs, etc. Size 10, 8 and 5. Each, 10 cents.

MINNOW HOOKS.

The proper size and shape for catching minnows, shiners, chubs, etc., for bait. Packed 100 in a box. Price, per box, 10 cents.

WEEDLESS BUCKTAIL "BOBS."

A very effective bait for bass and pickerel casting or "skittering," especially in weedy or shallow waters. Hand made of genuine bucktail hair, which does not soak up water and become wet. Mounted on large size single hook of proper size.

Medium or large. Price each, 25 cents.

PLAIN HOOKS.

We carry in stock a selected assortment of various popular hooks and of the very highest quality. We list herewith a few special patterns but will fill orders for any style at regular prices and will be pleased to quote prices upon request.

Hand Forged O'Shaughnessy Hooks.

Knobbed or Ringed, Bronzed.

	No. 10-0	No. 8-0	No. 6-0	No. 5-0	No. 4-0	No. 3-0	No. 2-0	No. 1-0
Per 100	$3.75	$2.70	$2.10	$1.80	$1.65	$1.60	$1.55	$1.50
Per Doz	.50	.40	.35	.35	.30	.30	.25	.25

Turned Down Eye Sproat.

	No. 5	No. 3	No. 1	No. 1-0	No. 2-0	No. 3-0	No. 5-0
Per 100	$1.00	$1.00	$1.10	$1.25	$1.40	$1.60	$1.80
Per Dozen	.15	.15	.18	.20	.20	.25	.30

Pennell Eyed Hooks.

	No. 5	No. 3	No. 1	No. 1-0	No. 2-0	No. 3-0	No. 5-0
Per 100	$0.75	$0.80	$0.85	$0.87	$0.95	$1.05	$1.25
Per Dozen	.10	.10	.12	.15	.15	.20	.25

Genuine Virginia Hooks.

Ringed or Flatted—Blued.

	No. 6 to 10	No. 5	No. 3	No. 2	No. 1	No. 1-0	No. 2-0	No. 3-0
Per 100	$0.55	$0.60	$0.70	$0.85	$1.00	$1.15	$1.50	$1.75
Per Dozen	.10	.10	.12	.15	.20	.20	.25	.30

Ringed Sproat Hooks, Bronzed.

	No. 2 to 10	No. 1	No. 1-0	No. 2-0	No. 3-0	No. 4-0	No. 5-0	No. 8-0
Per 100	$0.70	$0.75	$0.85	$0.90	$1.00	$1.10	$1.15	$2.00
Per Doz	.10	.10	.12	.12	.15	.20	.25	.35

Ringed Long Shank Bluefish.

Price, per dozen—Small, 25 cts. Medium, 35 cents. Large, 45 cents.

Plain Ringed Treble Hooks.

No. 1 to 10	1-0	2-0	3-0	4-0	5-0	6-0	7-0	8-0
Doz	$0.30	$0.35	$0.40	$0.45	$0.50	$0.60	$0.70	$0.85	$1.00

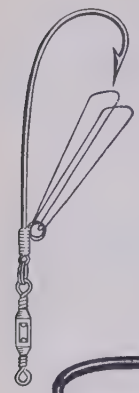
Feathered Ringed Treble Hooks.

No. 1 to 10	1-0	2-0	3-0	4-0	5-0	6-0	7-0	8-0
Doz	$0.45	$0.50	$0.55	$0.65	$0.75	$0.80	$1.00	$1.15	$1.30

Bucktail Ringed Treble Hooks.

Number	2	1	1-0	2-0	3-0	4-0	5-0
Per Dozen	$1.10	$1.20	$1.45	$1.60	$1.75	$2.00	$2.30

WEEDLESS CASTING HOOKS.



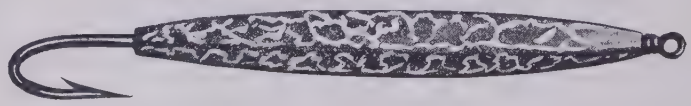
Absolutely weed-proof and always retains its proper position. By yielding readily, it insures hooking the fish when a strike is made from any direction.

The double ring and swivel combination makes it non-kinking, prevents twisting of bait and adds life-like action to minnow or pork rind.

Made of the highest grade hollow-point hooks and the best music wire, and is nickeled over a heavy copper plate to prevent rusting.

4-0 and 6-0 Carlisle, plain.....Price 20 cents each
3-0 and 5-0 Sproat, plain.....Price 20 cents each
5-0 Sproat or 6-0 Carlisle, weighted Price 25 cents each

BLUEFISH SQUIDS.



We carry only the very best quality. Pure block tin, mounted with swivel. For casting and trolling.

No. 1	Length, 3 ins.	Weight, $1\frac{3}{4}$ ozs.	Price,	$0.25
No. 2	Length, $3\frac{1}{2}$ ins.	Weight, 2 ozs.		.25
No. 3	Length, 4 ins.	Weight, $2\frac{1}{4}$ ozs		.30
No. $3\frac{1}{4}$	Length, $4\frac{1}{2}$ ins.	Weight, $2\frac{3}{4}$ ozs		.35
No. $3\frac{1}{2}$	Length, $5\frac{1}{2}$ ins.	Weight, 4 ozs.		.45
No. 4	For trolling Cedar wood. 6 ins. long			.25
No. $4\frac{1}{2}$	Silver Plated Spinning Squid. Weight, $4\frac{1}{2}$ ozs			.60

PEARL WEAKFISH SQUIDS.

Best quality, pearl blades. Nickel-plated hooks.

No. 5	Length of pearl, $1\frac{1}{4}$ ins.	Price,	$0.15
No. 6	Length of pearl, $1\frac{1}{2}$ ins.		.20
No. 7	Length of pearl, 2 ins		.25

MACKEREL AND WEAKFISH.

Best quality block tin with patent swivel.

No. 8	Small	Length of tin, $1\frac{3}{8}$ ins.	Price,	$0.05
No. 9	Medium	Length of tin, $1\frac{1}{2}$ ins		.07
No. 10	Large	Length of tin, $1\frac{5}{8}$ ins.		.08

SHARK HOOKS.

Best pattern. Hand-forged steel. With chain and swivel.

Width of hook	3	$2\frac{3}{4}$	$2\frac{1}{2}$	2
Price each	$1.25	$1.15	$1.00	$0.80

FISH SPEARS.

Frog Spears, 5-prong, with socket and guard; each	$0.20
Fish Spears, 5-prong, with socket, 5 inches spread; each	.50
Eel Spears, for mud; 6-chant; each	1.25
Eel Spears, for sand; 7-chant; each	1.50

FISH SPEARS.

Hand forged 5-prong barbed spear with long screw tang and ferrule.

Price, each, $1.50

HARPOONS.

Best pattern folding leaf head. The most approved design for harpooning all large fish. Made of best tool steel, hand forged and tempered, heavily nickel plated over copper.

Price includes steel bar for connection with handle.

No. 1, Small....$3.25 No. 2, Large.....$3.75

With 4-foot bronze wire cable spliced in eye of harpoon, with swivel at end, extra, $1.25.

JOINTED HARPOON HANDLES.

Made of selected second growth ash in 5-foot sections, joining with waterproof screw connection, making complete handle 10 feet long. Fitted with slotted head and set screw for attaching harpoon.

Price, $4.75

PICKEREL TRAPS.

A new model trap that is a great favorite wherever used. Constructed on the "tip-up" principle. 20-inch strong maple upright, brass trigger arm and steel standard with red signal flag. Upright is notched both ends so that line can be wound up with trap quickly.

Price each, $0.15 Price per dozen, $1.50

Lines suitable for use with above, in hanks, per dozen..... $1.25

CRAB TRAPS.

New model folding trap. Lies flat on bottom and closes automatically when string is pulled—a sure catcher. Made of strong tin wire, rust proof, with detachable springs. Fold perfectly flat when not in use.

Each, $0.25

THE "HALCYON" SPINNER.

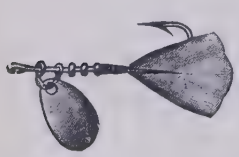
A most killing lure for large trout and bass. Different from most spinners in that it has swiveled head and the whole fly spins. Aluminum head and bright silver body. Dressed with peacock herl, touched with red at shoulder and tail. Mounted on finest quality No. 1 Sproat hooks. Price, 50c.

"NEPIGON" SPINNER.

A very deadly lure for stream and lake casting. Spins in same manner as the "Halcyon." Aluminum head and bright silver body. Peacock herl at head and red feathered tail. Mounted with finest quality treble hooks.

No. 1. Length 1 inch..... $0.40
No. 2. Length 1¾ inches..... .50

THE JAMISON TROUT SPOON.

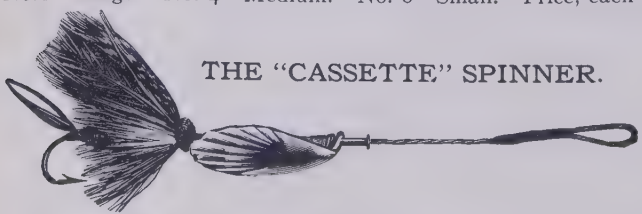


Easy spinning nickel plated spoon blades, best quality hooks. Made in three sizes, and four different colors of feathers; white, yellow, red and brown.

These spoons are especially suitable for casting with fly rods, as they are exceptionally light, being but little heavier than flies tied on the same size hook. Not only do all kinds of trout take it, but bass, crappies, bluegills, and perch.

No. 2—Large. No. 4—Medium. No. 6—Small. Price, each 25c.

THE "CASSETTE" SPINNER.

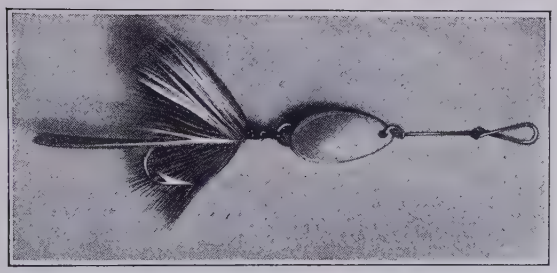


Finest quality flies, on 3⅛-in. treble twisted snells, with silver-plated spoon. Snell is protected by rubber sheath. Entirely new and a great lure for bass and large trout, ouananiche, etc.

No. 6 Trout. "Parmachenee Belle," "Silver Doctor," "Montreal"
No. 7 Bass. "Parmachenee Belle," "Silver Doctor," "Montreal"

Each, $0.50

THE "BROOK" SPINNER.



Very small and light, and can be used effectively with any weight fly rod. Shanks made of fine steel wire and flies are attached by new sliding catch and are instantly changeable. Blades revolve on patent lug and spin fast and easily. Finished in bright nickel.

No. 0	Spinner only, no fly	$0.15
No. 1	Single blade, with fly	.25
No. 2	Double Blade, tandem, with fly	.35
No. 3	Large Single Blade, for bass, bucktail fly	.25
No. 4	Large Single Blade, for trout and bass. Fancy Fly	.35

Looped Flies for use with above, see page 382.

THE FAMOUS HILDEBRANDT SPINNERS.

Now made for all styles of fishing.

Length of Blades.

Nos. 0 and X, $\frac{1}{2}$ inch.
Nos. 2 and B, $\frac{7}{8}$ inches
Nos. $3\frac{1}{2}$ and D, $1\frac{3}{8}$ inches
Nos. $4\frac{1}{2}$ and G, $1\frac{7}{8}$ inches
Nos. 1 and A, $\frac{5}{8}$ inches
Nos. 3 and C, $1\frac{1}{8}$ inches
Nos. 4 and E, $1\frac{1}{2}$ inches
Nos. 5 and J, $2\frac{1}{8}$ inches
Nos. 6 and K, $2\frac{1}{4}$ ins.

Prices With Single Spinners.

Number	With Nickel Blades		With Pearl Blades	
0, 1, 2, 3, $3\frac{1}{2}$	Fancy Fly,	$0.25	Bucktail Fly,	$0.20	Fancy Fly	$0.35
4	"	.30	"	.25	"	.45
$4\frac{1}{2}$	"	.50	"	.40	"	.60
5			"	.60	"	.80
6	"	.75	"		"	.90

Prices With Double or Tandem Spinners.

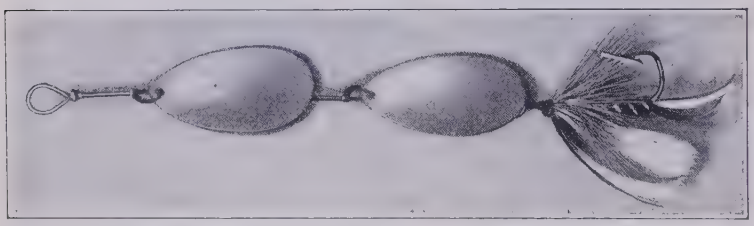
Number	With Nickel Blades		With Pearl Blades	
X, A, B, C, D	Fancy Fly,	$0.30	Bucktail Fly,	$0.25	Fancy Fly	$0.50
E	"	.40	"	.35	"	.55
G	"	.60	"	.50	"	.90
J			"	.70	"	1.00
K	"	.75			"	1.25

THE "ELFIN" SPINNER.

Weighs but 1-16 of an ounce. Finest treble hook mounted on split ring and detachable. Easily cast with the lightest fly rod.

Nickel or brass.....Each, $0.15
With pearl blades, small....$0.25. Large..... .35

THE "BIG INJUN" SPOON.



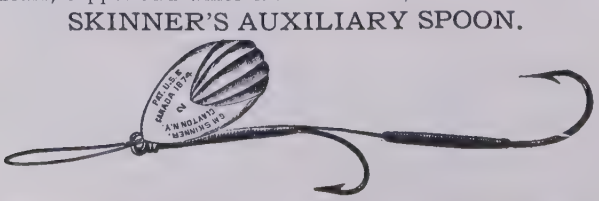
The very best for bass casting with a light rod in all waters with fly, bucktail or bait. Shanks made of very fine steel wire. Blades revolve on patent lugs and are highly finished in nickel. Can be cast very lightly and spins so easily that line may be reeled or drawn in as slowly as desired. Flies or hooks attached by new slip catch and are instantly changeable.

Single Blade	Length of blade, $1\frac{1}{8}$ inch.	Price, $0.25
Double Blade.	Length of blades, $1\frac{1}{8}$ inches	.35
Double Pearl Blades.	Length of blades, $1\frac{3}{8}$ inches.	.50
Combination—One blade nickel, one copper.		.35

SKINNER'S CASTING AND TROLLING SPOONS.

Used with or without bait. Blades all detachable. Hooks are the finest quality sprout, mounted with 1-inch loops. No. 1 has size $1\frac{1}{2}$ hook; No. 2, size 2/0; No. 3, size, 3/0. Four styles of blades—nickel, brass, copper and white enamel. Each, 20 cents.

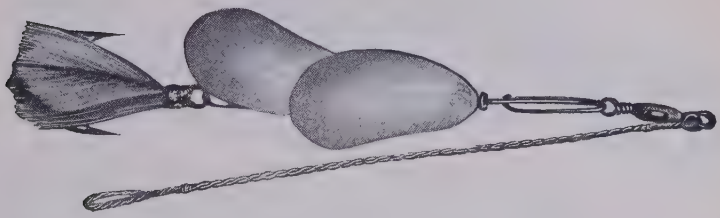
SKINNER'S AUXILIARY SPOON.



Same pattern as Casting Spoon, but has a "trailer" hook.

No. 2 X.	Sprout Hooks, size 2/0 and 1. Nickel or Enamel	$0.25
No. 3 X.	Sprout Hooks, size 3/0 and 1/0. Nickel or Enamel	.25

THE "TANDEM" SPOON.



Shanks of fine steel wire, silvered, mounted with swivel and 6-inch twisted steel wire leader, silvered, and feathered treble hook. Blades spin fast and easily—one right and one left.

No.	Length of Blade	Finish	Price
9	¾ inch	Nickel or White Enamel	$0.25
8	1 inch	Nickel or White Enamel	.30
7	1⅛ inch	Nickel or White Enamel	.35
5	1½ inch	Nickel, Enamel or Gold	.50

THE "ST. CLAIR" SPOON.

With Trailer Hook.

The best of the two-hook trolling spoons for use with bait. A fine pattern for togue, large bass, pike, muscallunge, etc., especially good for striped bass. Very strongly mounted on silvered steel shank, wound with steel wire, with 3/0 and 1/0 Sproat hooks.

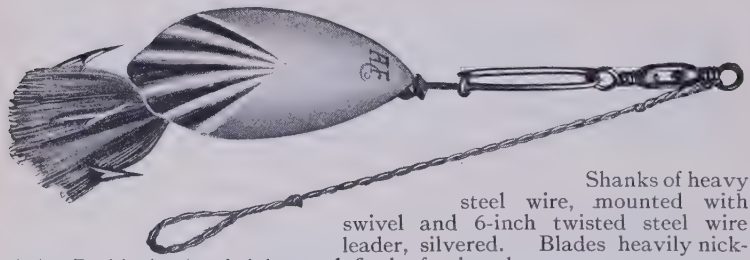
Nickel or White Enamel, each, 35 cents.

THE "DELAWARE" SPOON.

Made in same style and same way as the "Tandem," but with single blade and has long, feathered hooks. Finished in nickel only.

No. 7	Length of blade, 1⅛ ins.	Price, $0.25
No. 6	Length of blade, 1¼ ins.	.30
No. 5	Length of blade, 1⅜ ins.	.35
No. 3	Length of blade, 1⅞ ins.	.45

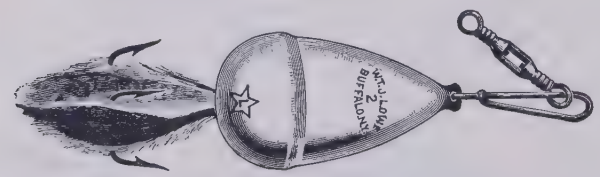
FLUTED CASTING AND TROLLING SPOONS.



Shanks of heavy steel wire, mounted with swivel and 6-inch twisted steel wire leader, silvered. Blades heavily nickeled. Treble hooks, bright, and finely feathered.

No. 8	Length blade,	1 in.	$0.25		
No. 7	" "	1⅛ in.	.25	No. 3 Length blade,	1⅞ in. $0.35
No. 6	" "	1¼ in.	.25	No. 2 " "	2⅛ in. .40
No. 4	" "	1⅝ in.	.30	No. 1/0 " "	2¾ in. .50

LOWE'S "STAR" SPOONS.



An excellent spoon, strongly made from heavy materials and finely finished. The blades are "humpback" shape, upper half silver plated, lower half gold plated.

Single Spoons With Fly.

Length of blade, 1⅛ inches. Size of hook, 1/0 Sproat.
Price, 45 cents.

Ringed Flies Furnished—Ibis, Coachman, Montreal, Parmachenee Belle, Brown Hackle.

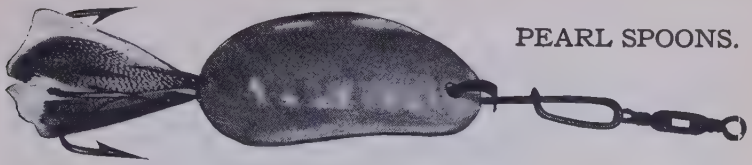
Looped Flies Furnished—Any of Regular Looped Flies, see page 382.

Single Spoons With Feathered Treble Hook.

Number	1/0	1	2	3	4	4½	5	6
Length of Blade	2¾	2¼	2⅛	1⅝	1½	1¼	1⅛	1
Price	70c.	50c.	50c.	45c.	45c.	45c.	45c.	45c.

Double Spoons With Feathered Treble Hook.

Number	1/0	1	2	3	4	4½	5	6
Length of Blade	2¾	2¼	2⅛	1⅝	1½	1¼	1⅛	1
Price	$1.00	75c.	75c.	65c.	65c.	65c.	65c.	65c.



PEARL SPOONS.

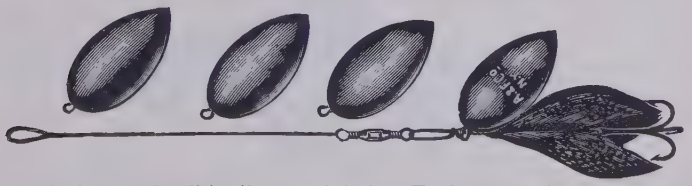
Beautiful natural pearl blades revolving on patent lugs. A very fine trolling spoon. Very successful for lake trout.
Single blades, small, medium and large..... Price, each, 35 cents.
Double blades, mounted tandem; small and medium;..... each, 60 cents.

THE "JERSEYITE" WEEDLESS.

An entirely new style protected-point hook, finely made and finished. A necessity for fishing weedy lakes and streams and around lily-pads.

Medium and large, hook only; each..... $0.10
Medium and large, with nickel spinner and swivel; each..... .20

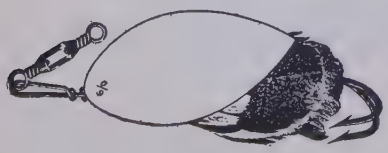
"BIG FOUR" COMBINATION SPOONS.



This is a splendid all-around bait. Each spoon has four blades, easily attached, finished in silver, copper, brass and white. Steel shanks silver plated. Blades of hard rolled plate. Mounted with twisted wire trace and swivel, with fine treble feathered hooks.

No. 1 Bass and togue. Blades, 2 inches..... Each, $0.65
No. 2 Pike and pickerel. Blades, 2¾ inches..... " .75
No. 3 Muscallunge. Blades, 3½ inches..... " .85

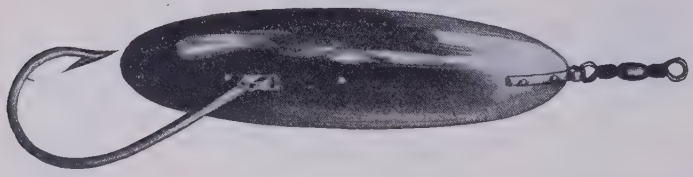
THE "ONTARIO" MUSCALLUNGE SPOON.



Made extra strong to withstand the hard usage of this fighting fish. Nos. 1 and 2 have new model double hook, extra strong. No. 3 has two treble hooks, mounted tandem. Heavily nickeled and with swivel.

No. 1 One 4½ in. and 3-in. blade, double hook; each..... $0.85
No. 2 One 4½-in. blade, double hook; each..... .75
No. 3 One 3½-in. blade, 2 treble hooks; each..... .65

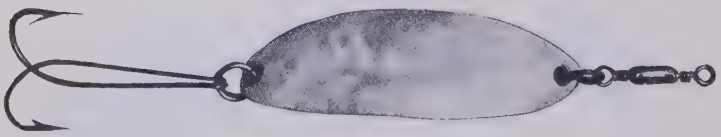
THE "SAM" SPOON.



A new model spoon for heavy fishing which is finding great favor. It is hand made and very strong, both the head and hook adjustments being practically unbreakable. The hooks used are the celebrated "Van Vleck" and swing free in all directions. A highly successful spoon for King Fish, Barracuda, Blue Fish, Mackerel, Yellow Tail, Tarpon, Channel Bass, Sea Trout, Salmon, Muscallunge, Pickerel and Lake Trout.

	No. 7	No. 6	No. 5
Length of blade	$5\frac{1}{2}$	$4\frac{3}{4}$	$3\frac{7}{8}$ inches
German Silver Blade, Polished	$1.25	$1.00	$0.85 each
" " " Silver Plated	1.65	1.35	1.05 "
" " " Gold Plated	2.00	1.60	1.35 "

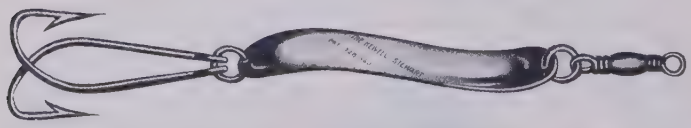
PEARL "WOBBLER" SPOONS.



One of the most successful spoons ever turned out. Blades are of bright iridescent pearl and spin with an uncertain, darting motion that is particularly effective. No. 1 is mounted with best hollow point treble hook and No. 2 with two swinging single hooks of special make, "Siwash" style (see illustration). Hooks attached by split rings and are changeable.

No. 1 Length of blade, $2\frac{1}{2}$ inches. Treble Hook.....Price, $0.25
No. 2 Length of blade, $3\frac{1}{4}$ inches. Double Hook..... " .50

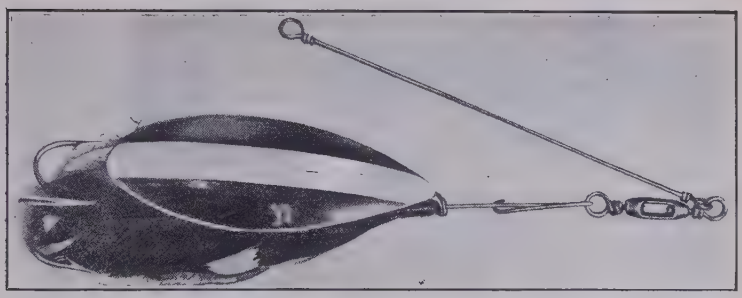
THE "SIX-RAY" SPOON.



The favorite salmon spoon of the Pacific coast. Also very effective for Kingfish, Bluefish, Channel Bass, Barracuda, Muscallunge, Pike, etc. Made in Copper, Silver, Brass, Copper and Silver.

Number	3	4	5	$5\frac{1}{2}$	6	7
Length of Blade	$2\frac{1}{4}$	$2\frac{3}{4}$	$3\frac{1}{4}$	4	$4\frac{3}{4}$	$5\frac{3}{4}$
Price	$0.25	$0.45	$0.45	$0.68	$0.75	$0.90

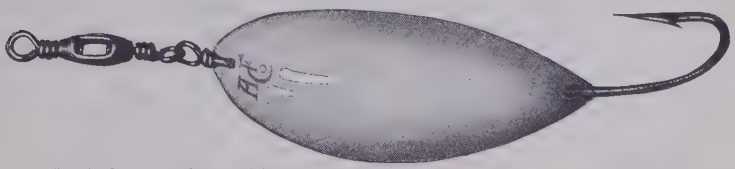
"CORBETT" MUSCALLUNGE SPOON.



Designed by an expert muscallunge fisherman and made in the best possible manner. Blades spin very close to shanks and are striped with white enamel. Steel shanks, tinned. Extra heavy hooks. Steel wire trace.

No. 1 Length of Blade, 3½ inches.....Price, $0.85
No. 2 Length of Blade, 4¼ inches..... 1.00

THE "FLORIDA" SPOON.



Used for casting, skittering and trolling, with and without bait. Very strongly made and hooks attached permanently to blades. Finished in nickel outside and white enamel inside.

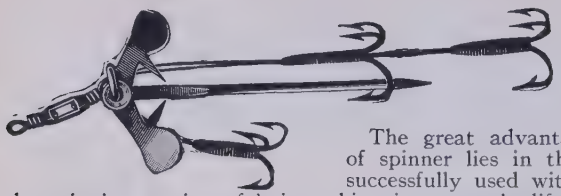
No. 1 Length, 5 inches Tarpon and bluefish.....Price, $0.50
No. 2 Length, 3¼ inches. Muscallunge and pike..... .30
No. 3 Length, 2 inches. Bass and pickerel..... .20

THE "WOBBLER" SPOON.

Made of German silver and hooks attached with patent link which allows them to swing free in all directions.

No. 1 Length of Blade, 2¾ inches. Bass.....Price, $0.50
No. 2 Length of Blade, 3⅜ inches. Pike and Pickerel..... .60
No. 3 Length of Blade, 4½ inches. Muscallunge..... .75
No. 4 Length of Blade, 5½ inches. Kingfish, etc..... .90

THE GENUINE "ARCHER" SPINNER.



The great advantage of this form of spinner lies in the fact that it is successfully used with dead minnows, the spinning motion of bait making it extremely life-like and natural. Run the needle through minnow, press down points of adjustable metal fins into gills and minnow is held securely.

We beg to advise our patrons that there are many imitations on the market sold as the "Archer" which are not genuine.

Trout, 45c.; Small Salmon, 50c.; Salmon, 55c.; Small Pike, 60c.; Pike, 75c.

American Made—Regular Quality.

Trout, 25c.; Small Salmon, 30c.; Salmon, 35c.; Small Pike, 40c.; Pike, 45c.

SEA CASTING SPINNER.

Extra strong metal, heavily nickeled. Body spins upon shank, which is made in one piece with hook.

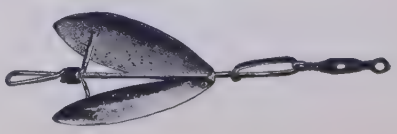
No. 1	Length of spoon, 4 inches.	Weight, 4½ ozs.....Price,	$0.60
No. 2	Length of spoon, 3 inches.	Weight, 1½ ozs.....	.45
No. 3	Length of spoon, 2 inches.	Weight, ½ ozs.....	.35

ATTRACTORS.

For all deep water trolling. It is generally placed from 10 to 20 feet ahead of the bait or spoon and its purpose is to draw fish from a distance. The bright flash of the attractor serves to excite the fish and make them "take notice" when the bait approaches. Made of hard rolled plate, finished one side silver and one side copper, with swivel at each end. Length, 6 inches.

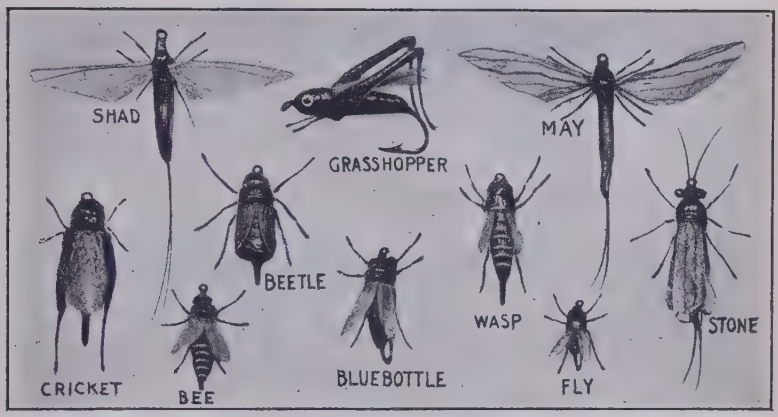
Price, 50 cents.

"MONTAUK" SPINNER.



Nickel blades, red enamel inside. Spins on glass bead. The best spinner for striped bass. Also used as an "attractor" in trolling for togue, lake trout, etc. Length 2 inches. Price, 20 cents.

IMPORTED INSECTS.



We beg to call particular attention to this line, which is far superior to the kinds usually sold. Very fine soft rubber bodies on highest quality eyed hooks (without snells), and with silk gauze wings. All are beautifully made and true to life in the smallest detail. The closest possible imitation of the natural insects and a most deadly lure at all seasons, and especially so during the low water of summer. Price each, 25 cents.

Stone Fly	Blue Bottle	May Fly	Shad Fly	Bee
House Fly	Grasshopper	Cricket	Beetle	Wasp

ARTIFICIAL GRUBS.

Fine chenille bodies of proper size. Very natural and life-like in appearance. Mounted on fine quality Sproat hooks with 5-inch snells.
Price per dozen, $1.25.

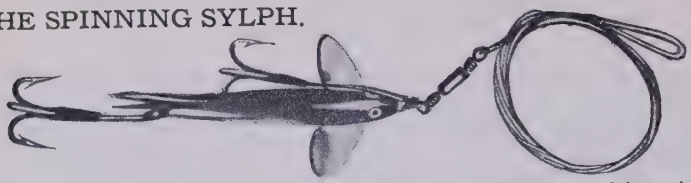
THE COAXER TROUT FLY.

The Coaxer Trout Fly is an entirely new idea in trout lures and has proved itself to be remarkably effective on some waters.

Made in the following patterns: White and Red, all White, White and Yellow, Brown and Red, Brown and Yellow, all Brown, all Red. Yellow and Blue, Brown and Green, all Black, Yellow and Black, Green and Slate.

Trout Size.....Each, 25 cents; dozen, $2.60
Bass Size.....Each, 30 cents; dozen, 3.25

THE SPINNING SYLPH.

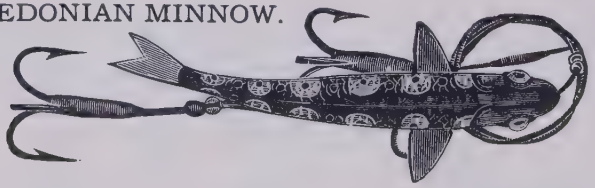


Horn bodies with treble hooks. Mounted on trace with swivel. Easily cast with fly rod and a particularly fetching bait for large trout. 1½ inch long. Straight or bent tails; each..... $0.50

QUILL DEVON MINNOW.

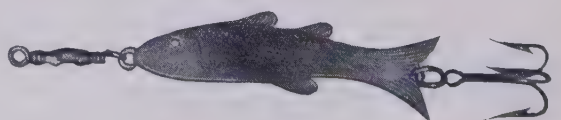
A most beautiful bait and a very deadly one for trout and salmon. Very finely mounted with best quality hooks and trace. Very light in weight and can be cast with the lightest fly rod.
Length, 1 inch; each..... $0.50

CALEDONIAN MINNOW.



Hard rubber with curved forms. An especially good spinning bait for large trout and bass. Mounted with two fine quality treble hooks and trace.
Length, 2 inches; each..... $0.40

THE IMPROVED "SILVER SOLDIER" SPOON.



Fine for salmon. Owing to its peculiar shape, shoots through the water in eccentric darts and will often "start 'em comin'" when everything else fails. Best quality hooks, mounted on heavy silver, with swivel.

1	2⅞	Lake Trout	Treble	$0.75
4	2¼	Salmon and Bass	Treble	.60
5	2¼	Salmon and Bass	Single	.50
6	1½	Trout	Single	.50

ENGLISH "ROACH" BAIT.

A particularly effective bait for black bass, pike, pickerel, etc. Colored by hand true to life and beautifully mounted with three treble hooks and best quality trace. Spin fast and easily and are very durable. A fine lure for bait casting.
Length, 3¼ inches; each $0.60

ENGLISH "DACE" BAIT.

An especially taking bait for all styles of bait casting and trolling with artificial minnows. Beautifully colored by hand and finished true to life. Mounted with three fine quality treble hooks and trace.
Length, 4 inches; each $0.80

THE "RAINBOW" FLEXIBLE MINNOW.

Soft, flexible bodies. Beautifully colored true to life, in brown and green. Mounted with treble hooks and trace and swivel. Very finest quality and a most deadly bait for large trout in either stream or lake fishing. Very light in weight and can be easily cast by rod. Spins fast and easily.
Style A, 1½ inches long, 1 treble hook ..... Price, $0.30
Style B, 2¼ inches long, 2 treble hooks ..... " .45

MOUSE BAIT.

Soft rubber, covered with real skin. A splendid bait for black bass. Mounted with single hook of proper size and watch-spring swivel.

Gray Mouse, black tails, body, 2 inches long.....Price, $0.60
White Mouse, pink tails, body, 2 inches long.....Price, .75

THE CELEBRATED "PHANTOM" MINNOW.

Finest quality pure silk bodies, beautifully colored. Mounted with 3 fine quality, bright treble hooks. Fine swivel in head. Furnished in blue and silver, brown spotted or silver.

Number.....	0	1	2	3	4	5	6	7	8	9	10
Inches.....	1¾	2	2¼	2½	2⅞	3¼	3⅞	4¼	4¾	5½	6
Each.....	35c.	35c.	35c.	35c.	35c.	35c.	45c.	55c.	65c.	75c.	85c.

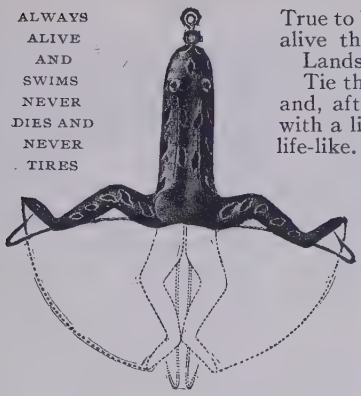
THE "PORPOISE" MINNOW.

Same style as above, but made from fine porpoise hide, with metal head and fins and body has cork center. Hooks mounted on heavy six-ply twisted gut, and has 10-inch six-ply gut leader with two swivels. Made expressly for the heavy fishing and practically indestructible. Furnished in blue and silver or plain silver.

Number.....	5	6	7	8	9	10
Inches.....	3¼	3⅞	4¼	4¾	5½	6
Each.....	$0.90	$1.00	$1.10	$1.20	$1.35	$1.50

MECHANICAL SWIMMING FROG.

ALWAYS ALIVE AND SWIMS NEVER DIES AND NEVER TIRES



True to life in action and appearance. More alive than a live frog.

Lands every fish that fairly strikes.

Tie the line to the eyelet at the head of frog and, after making the cast, jerk the same as with a live frog and the results will be exactly life-like. The brass open eye underneath the belly enables the angler to use an extra double or treble hook at will, when using the bait in open water, and greatly increases its fish-catching qualities. The hook can be easily removed by depressing belly of frog in front of eyelet, the opening in eyelet being shielded by the rubber. When used without the under hook, this bait is absolutely weedless.

Price.....Each, $0.75

"MEADOW" FROGS.

Made of finest quality soft rubber, beautifully finished and painted true to nature. Mounted with bright treble hooks and gimp loop.

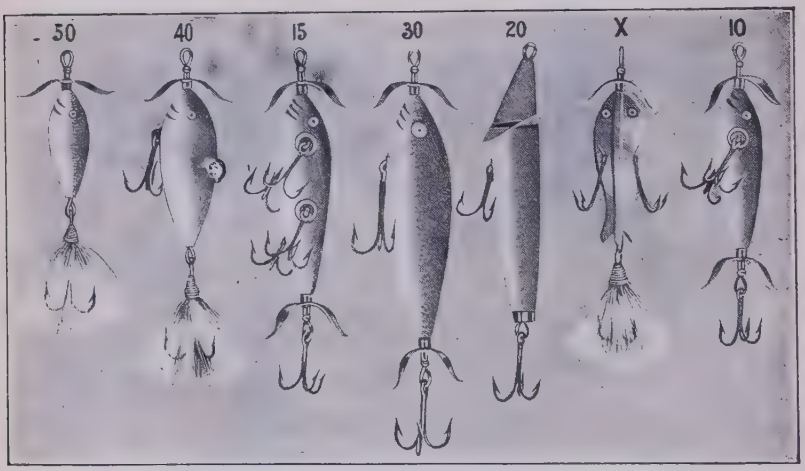
Length, 2½ inches.....$0.30 Length, 3½ inches.....$0.35

"YELLOW BELLY" GREEN FROGS.

Same quality as "Meadow" Frogs.
Mounted with best treble hooks and gimp loop.

Frog, 1¾ inches long.....$0.25 Froggie, 1 inch long.....$0.20

"DOWAGIAC" WOODEN MINNOWS.



Regular Minnows.

Fancy Back, Rainbow, White, Aluminum, Red, Yellow, Gold, Sienna.

No. 10 Sinking Bait. 3 Treble Hooks. 2 Spinners.....Price, $0.75
No. 15 Sinking Bait. 5 Treble Hooks. 2 Spinners..... .90

Surface Minnows.

Finished in Fancy Back, Rainbow, White.

No. 30 Floating Bait. 2 Treble Hooks. 2 Spinners.....Price, $0.90

Muscallunge and Southern Minnows.

Same as No. 15 but fitted with extra heavy hooks of special pattern.
Finished in Fancy Back, Rainbow, White.

No. 17 Sinking Bait. 3 Treble Hooks. 2 Spinners.....Price, $1.00

Bucktail Surface Minnows.

Finished in Fancy Back, Rainbow, Fancy Sienna.

No. 40 Floating Bait. Treble Bucktail Hook.....Price, $0.90

Bucktail "Artistic" Minnows.

Gold plated spinners. Finished in Blended Gold, Fancy Sienna.

No. 50 Sinking Bait. Treble Bucktail Hook.....Price, $0.75

"Multiple" Metal Minnows.

With double side hooks and bucktail tail hooks.

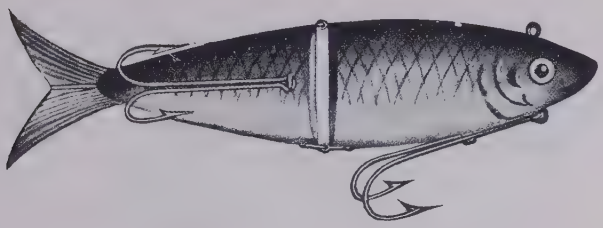
No. X Sinking Bait. Bright Nickel. 1 Spinner.....Price, $0.75
No. XX Sinking Bait. Gold Plate. 1 Spinner..... $1.00

"Expert" Minnows.

White body with red snout and blue collar.

No. 20 Surface Bait. 2 Treble Hooks. No Spinners.....Price, $0.75

THE "K & K" ANIMATED MINNOW.



"The Minnow That Swims."

The bait is jointed in the center and so weighted that it always rides right side up and wriggles, dives and darts about in a very lifelike manner. They have been greatly improved, both in finish and design, and anglers will find them a killing bait.

Surface Bait.

Swims about 4 inches under water. Three detachable double hooks. Finished in gold, silver, black and red, black and silver, white, rainbow.

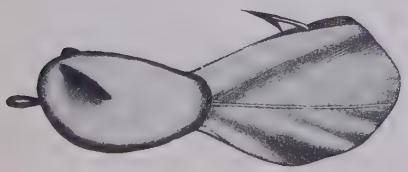
No. 3 Length, 4½ inches.....Price, $1.00
No. 7 Length, 3½ inches. (Gold, silver, red, only)..... 1.00
No. 6 Length, 3 inches. (Gold, silver, red, only)..... 1.00

Sinking Bait.

Has three detachable double hooks.

No. 1 Length, 4½ ins. Gold, silver, black and silver.....Price, $1.00
No. 2 Length, 3½ ins. Gold, silver, red, rainbow..... 1.00
No. 5 Length, 3 ins. Gold, silver, red..... 1.00

THE "COAXER" BAITS.



A most unique form of bait and which has the record of being very successful on many waters in casting for bass. Made with white bodies and brilliant red fins and tail. They cast easily, play well in the water and are practically weedless.

Surface Baits.

No. 1 Length, 3½ inches. No. 2. Length, 2½ inches.
Price, each, 50 cents.

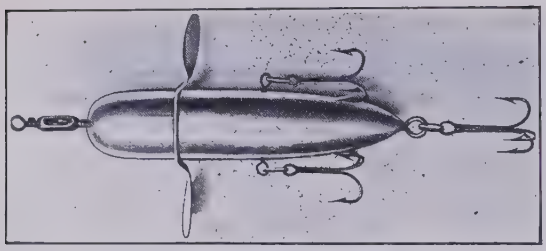
No. 3 X Same style and sizes as Nos. 1 and 2 but fitted with extra trailer hook and double belly hook. Price, 75 cents.

"Muskie Coaxer." Made extra large and strong for muscallunge.
Price, $1.00

Sinking Baits.

For casting or trolling. Length, 3½ inches. With weedless guard.
Price, 40 cents.

ALUMINUM "KILLER" BAIT.



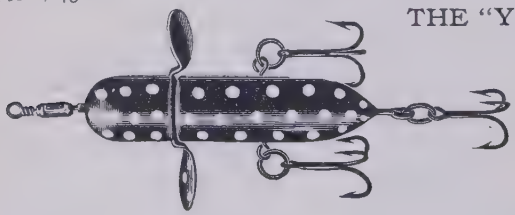
A fine surface casting bait. Light in weight and plays very easily. Bright polished aluminum. Fitted with treble or single hooks.

No. 1, 3¾ ins., 90 cts. No. 2, 3 ins., 75 cts. No. 3, 2 ins., 50 cts.

THE "TORPEDO" BAIT.

A new bait and likely to find favor as a bass lure. Made of "Silverine," and will not tarnish. Will float on the surface and spins very readily. Fitted with one feathered treble hook. Fins have holes drilled to attach other hooks if desired. Price, 45 cents.

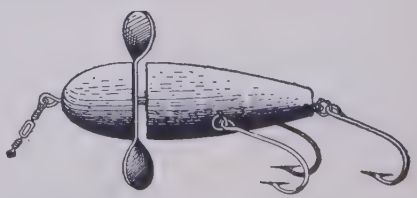
THE "YELLOW KID."



A metal surface bait, well known and widely used. Fitted with one or three treble hooks, as desired. Finished in bright yellow with brilliant gold spots. Single hook supplied at same price.

No. 1 Length, 2½ inches. 1 Treble Hook.....Price, $0.55
No. 2 Length, 3 inches. 3 Treble Hooks..... .65

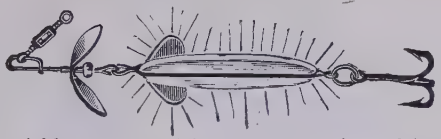
THE "DECKER PLUG" BAIT.



This pattern is the old original "plug" after which all baits of this style have been modeled. It is a "floater" or surface bait. Made of wood, finished in enamel, with aluminum fins and swivel in head. Mounted with three single or three treble hooks.

No. 1 White, gray or yellow. Length, 2¾ inches.....Each, $0.40
No. 2 White, gray or yellow. Length, 3¼ inches.....Each, .50
No. 3 White, gray or yellow. Length, 3¾ inches.....Each, .60

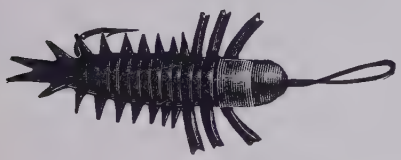
PEARL MINNOW.



The bright, iridescent pearl is very attractive, either for casting or trolling. These minnows are an improved form, mounted with German silver fins and wire running lengthwise of the bait. Jointed at head with fine spinner and swivel.

Length of pearl, $2\frac{3}{4}$ inches.....Price, $0.50

HELGRAMITES OR DOBSONS.



Fine quality soft rubber. Black bodies with bronze heads. Mounted on single hooks of proper size for Black Bass, with gimp trace and swivel.

No. 1, 1 in.; No. 2, $1\frac{3}{4}$ in; No. 3, $2\frac{1}{2}$ ins..Each, $0.25

ENGLISH WORM TACKLE.

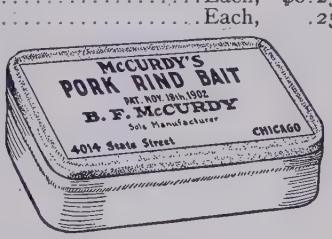
Soft rubber, hand painted. The closest possible imitation of the natural worm. Mounted on gut with three fine quality single hooks and swivel. A fine bait for brook fishing and very durable.

No. 1 Small size, $1\frac{1}{2}$ inches long.....Each, $0.25
No. 2 Medium size, 2 inches long.....Each, .25

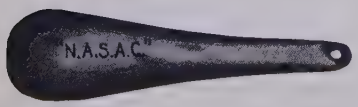
PORK RIND BAIT.

A most effective bait for Bass and Pickerel, especially for casting in connection with enameled casting spoons. Cut minnow shape and packed 8 in a box.

Price per box, 15c.



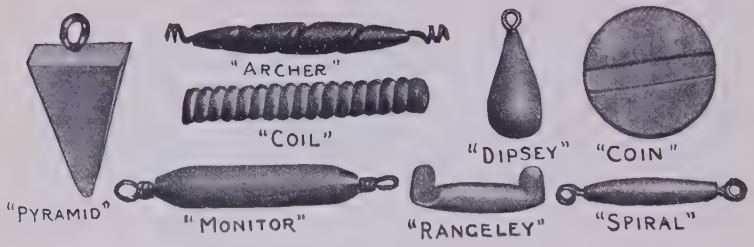
TOURNAMENT CASTING "PLUGS."



For tournament and practice casting. Size and shape correct. The official weight for all tournaments held under rules of National Association of Scientific Angling Clubs. Made of aluminum and exact weight.

Half ounce or quarter ounce.....Each, $0.10

SINKERS.



Swiveled Dipsey Casting.

Number	8	7	6	5	4	3	2	1	1/0
Ounces	1/6	1/4	3/8	1/2	1	1 1/2	2 1/4	3 1/4	4 1/2
Dozen	45c.	45c.	50c.	55c.	60c.	60c.	70c.	80c.	$1.50

Pyramid Casting.

Best for surf-casting. Does not roll on bottom.

Number	1	2	3	4
Ounces	2	3	4	5
Dozen	35c.	45c.	65c.	75c.

Rangeley.

Number	0	1	2	3	4	5	6	7	8	9	10
Ounces	1/64	1/32	1/8	3/16	1/4	5/16	7/16	1/2	5/8	3/4	1
Dozen	8c.	8c.	10c.	10c.	12c.	12c.	15c.	15c.	18c.	20c.	25c.

Adjustable Spiral.

Number	1	2	3	4	5	6	7	8	9	10
Ounces	1/12	1/6	1/5	1/4	1/2	3/4	7/8	1 1/8	1 1/4	1 3/8
Dozen	8c.	10c.	11c.	12c.	13c.	15c.	20c.	25c.	28c.	30c.

Adjustable "Archer" Trolling.

Attached or detached instantly at any place on the line without cutting or knots. By curving the sinker it effectually prevents any kinking of the line.

Number	1	2	3	4	5	6	7	8	9	10
Ounces	1/16	1/8	3/16	1/4	5/8	7/16	1/2	5/8	1 1/2	2 3/4
Dozen	50c.	55c.	60c.	65c.	70c.	75c.	80c.	90c.	$1.00	1.50

"Monitor" Bottom Trolling.

The best for bottom trolling. Will follow the bottom easily and seldom catch or foul as their shape permits them to "follow through."

Length, inches	1 3/4	2 1/4	3	3 1/2
Weight, ounces	3/4	1	1 1/4	1 1/2
Price per dozen	$0.50	$0.75	$1.00	$1.20

THE "COIN" SINKER AND TROLLING KEEL.

A new and valuable "wrinkle" for trolling. Consists of a circular piece of sheet lead, with slot in center. The line is placed in the slot and the sinker clamped over it with the fingers. Will positively prevent kinking and twisting of the line.

No. 1	Small.	Weight, $\frac{3}{16}$ ounces.	Per dozen..... $0.06
No. 2	Medium	Weight, $\frac{1}{2}$ ounces.	Per dozen..... .13
No. 3	Large	Weight, $\frac{3}{4}$ ounces.	Per dozen..... .25

LEAD COIL OR WORM.

Any weight can be attached or detached in a moment. No kinks or knots necessary. Six in a box. The best for general fishing. Per dozen, light, 15 cents. Medium, 17 cents. Heavy, 20 cents.

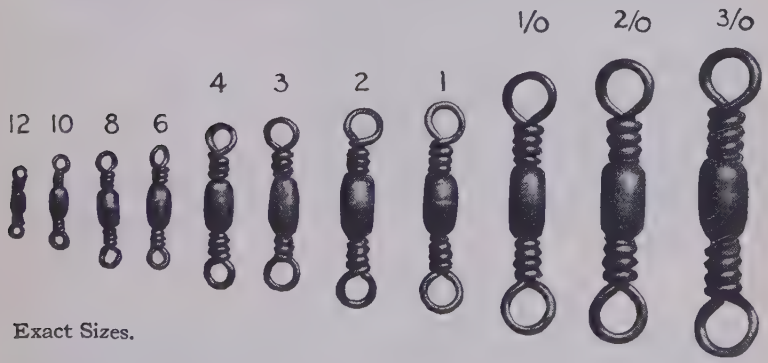
SPLIT SHOT.

Small, in round, flat tin boxes. Per box..... $0.05
Large, in wood tubes. Per tube..... .05

SWIVELS.

Best Imported Grade.

BRONZE BARREL (STYLE 10)—THE BEST.



Exact Sizes.

Numbers...	12	10	9 to 7	6 to 2	1	1/0	2/0	3/0
Per Dozen..	$0.35	$0.30	$0.25	$0.30	$0.35	$0.40	$0.45	$0.50

(Style 9)—REGULAR BRASS BOX.

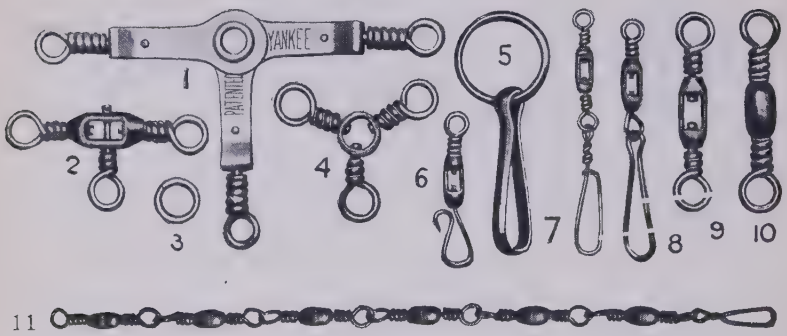
Numbers.....	10 to 2	1	1/0	2/0	3/0
Per Dozen.....	$0.15	$0.20	$0.25	$0.30	$0.40

(Style 7)—BRASS SPRING.

Numbers.....	6 to 2	1	1/0	2/0
Per Dozen.....	$0 25	$0.30	$0.35	$0.40

See page 414 for illustrations.

SWIVELS AND LINKS.



NO. 8—WATCH SPRING.

Fine steel, small, medium or large; per dozen..... $0.35

NO. 1—"YANKEE" TROLLING.

A "new wrinkle" for deep trolling where heavy sinker is used. Fish always strikes against taut line. Price each..... $0.15

NO. 2—"CROSS-LINE."

For use in sea and river fishing where there is much tide or current. Bait swings free in all directions. Price, per dozen..... $0.40

NO. 4—"TREBLE" CASTING.

Used largely in surf-casting, also trolling. Per dozen..... $0.75

NO. 11—SWIVEL GANGS.

For use in trolling with spinning baits to prevent line from kinking. Six best bronze barrel swivels connected. Has bronze clew spring one end for attaching hooks or spoons.

Small, 20 cents. Medium, 25 cents. Large, 30 cents.

NO. 6—STEEL HOOK.

Excellent for quickly attaching spoons or spinners to line.
Per dozen, 25 cents.

NO. 3—STEEL SPLIT RINGS.

For attaching hooks or flies to casting baits.
Small, medium and large. Per dozen..... $0.05

GERMAN SILVER CONNECTING LINKS.

For attaching lines to leaders, gangs, traces, per dozen: 20 cents, 25c., 30c.

CLEW SPRINGS.

The safest attachment for spoons, spinners, etc.
Per Dozen, Large, 45 cents. Medium, 40 cents. Small, 35 cents.

NO. 5—BRASS SNAP HOOKS.

For attaching hooks to trawl or set lines. Per dozen, 12 cents.

FLOATS.

ADJUSTABLE SALT WATER FLOATS.

Best quality cork. Wood sticks. Two colors. Barrel shape.
Length of cork, 4½ inches.....Each, $0.15

BOUND CORK FLOATS.

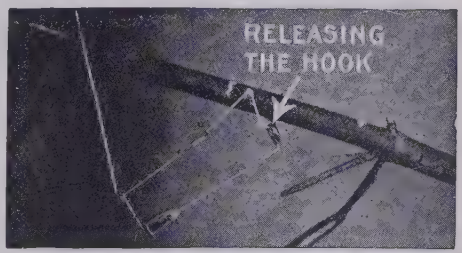
Best Quality Cork. Quill Tops. Two Colors.
Egg Shape. Small, 5 cents. Medium, 10 cents. Large, 15 cents.
Barrel Shape. Small, 10 cents. Medium, 15 cents. Large, 20 cents.

CLEARING RINGS.

For clearing hooks or spoons when caught or fouled on bottom.
Brass Jointed—the best. 2¼ inch diameter.....Each, $0.50
Brass Slotted. 2¼ inch diameter.....Each, $0.35

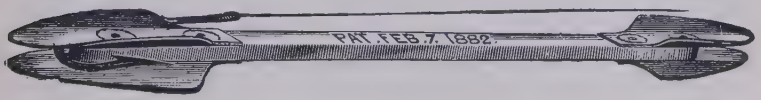
SNAGGED HOOK RELEASER.

When "snagged," don't pull, break and lose several feet of line. The Snagged Hook Releaser positively releases snagged hooks, spoons, spinners, minnows, etc. The device is small, can be conveniently carried in pocket, yet is efficient in its operation.



Trout and bass size.....Price, $0.25
Pike, pickerel and muscallunge..... .35

DISGORGERS.



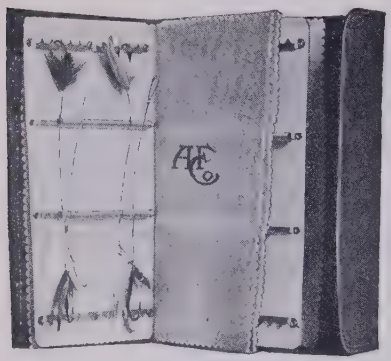
For the quick extraction of hooks and spoons when gutted by fish. Does the work easily and cleanly. Nickel plated. Each.....$0.20

ALUMINUM FISH TONGS.

For holding fish while cleaning, skinning, etc.....Price, $0.75

FISH STRINGERS.

Chain Stringer, Threading Needle, Patent Handle.....Price, $0.15



THE "BRAY" FLY BOOK.

Made expressly for us and the stock and covers will be found superior to any others on the market. In the "Bray" book the flies are held securely by slipping the point of hook under slotted bar and the snells in the spiral spring clips. The pages are of polished celluloid, held by patent hinges, and are interleaved with fine felt pads for quick drying of flies.

VEST POCKET BOOKS.

No. 1	Solid Cowhide Covers.	Holds 2 dozen flies.....	Price, $0.75
No. 3	Walrus.	Holds 2 dozen flies.....	1.50
No. 4	Genuine Pigskin.	Holds 2 dozen flies.....	2.25

REGULAR BOOKS.

Style of Cover	4 Doz. Flies	8 Doz. Flies	12 Doz. Flies
Solid Cowhide.....	No. 5, $1.25	No. 6, $2.00	No. 7, $2.50
Fine Calfskin.....	No. 8, 2.00	No. 9, 2.50	No. 10, 3.00
Best Walrus.....	No. 11, 2.50	No. 12, 3.25	No. 13, 4.00
Genuine Pigskin.....	No. 14, 3.00	No. 15, 3.75	No. 16, 4.50
Real Alligator.....	No. 17, 6.00	No. 18, 7.00	No. 19, 8.00

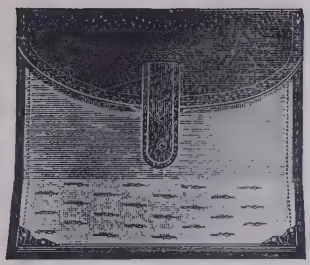
"LEVISON" FLY BOOKS.

In this book the flies are held separately and at full length, preserving the feathers and keeping the snells straight. Flies are held by passing the loop of snell over the end of a spiral spring, which is then pulled out until the hook may be slipped over a little hook at the other side of the book. This method keeps the flies secure and the snells taut and flies cannot be knocked out or blown away by wind on opening the book. The hooks are slotted so that knotted end dropper flies may also be held securely. The book is not intended for use as a stock book or for carrying a larger number of flies but to hold an assortment for the day's needs, replenishing as needed from the stock book.

REGULAR PATTERN.

Style of Cover	40 Flies	60 Flies	80 Flies	100 Flies
Fancy Leather.....	$3.75	$5.00	$6.25	$7.50
Genuine Sealskin.....	5.75	7.00	8.25	9.50

EYED FLY BOOKS.



This neat little book will be found most convenient for use with eyed or looped flies of all kinds when one does not prefer the metal box. Carefully made and finely finished.

Vest Pocket Size. Regular Covers. Holds 80 flies.....$2 00

Regular Size. Regular Covers. Holds 8 Dozen Flies..... 2.50

Regular Size. Regular Covers. Holds 16 Dozen Flies..... 4.00

Regular Size. Extra Fine Covers. Holds 8 Dozen Flies..... 3.50

Regular Size. Extra Fine Covers. Holds 16 dozen Flies..... 5.00

STOCK FLY BOOK.

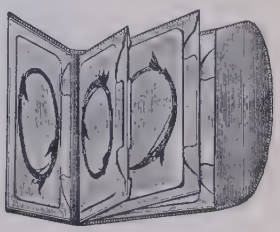
Pigskin Cover, $7\frac{1}{4}$ inches long, $4\frac{1}{4}$ inches wide, $1\frac{1}{2}$ inches thick, with nickel clasp; has 8 pockets full width of page and 32 pockets one-half the width. The large pockets are for holding leaders, made-up casts, etc., the small pockets for holding flies at full length. The leaves are made of genuine parchment, and you can write on the outside of envelope the pattern which it contains. Using it in this manner it is easy to know just what patterns of flies you have without inspecting each envelope. This is the simplest and most satisfactory "stock" fly book. Price, $3.75.

ENGLISH CAST CASES.

Fine leather case with 6 transparent celluloid pockets. A great convenience for anglers who prefer to make up a set of casts before starting on a trip. With this book casts are all visible and instantly accessible.

No. 1 Size, $4\frac{1}{4}$x$5\frac{1}{2}$ ins.....$1.00

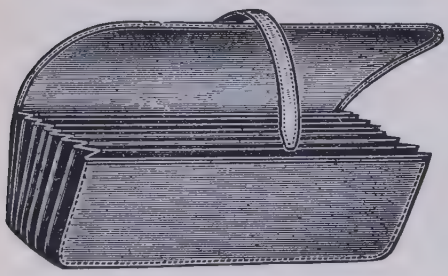
No. 2 Genuine Pigskin; embossed pockets..... 1.50



"BRAY" HOOK BOOK.

Made on the same principle as the "Bray" Fly Book but of a proper length for snelled hooks. Very convenient for the day's fishing as an assortment of different sizes may be handily carried in the pocket and all are instantly accessible and readily removed without the usual bother of opening packages, envelopes, etc. Size 10x$2\frac{1}{2}$ inches. Covers of solid walrus skin. Fitted with fine felt drying pads. Price, $1.00.

TACKLE BOOKS.



No. 18. Fine quality, orange leather. Well lined and with bound edges. Beautifully made. 10½ inches long. Has 7 pockets. Secured with strap and loop.
Price, $3.00

No. 22. Fine English pigskin, 10 inches long, 3½ inches wide. 7 pockets. Best made and finely finished. Price, $3.50

No. 19 Good quality leather. Lined and bound edges. 10½ inches long. Has 7 pockets.....Price, $1.50

No. 20 Canvas, bound with leatherette. 12 ins. long..... .50

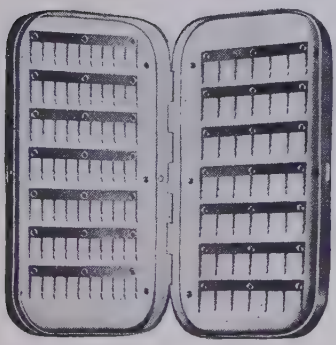
No. 21 Canvas, bound with leatherette, 9½ ins. long..... .35

FLY CAP HAT BANDS.

Every trout fisherman knows how hard it is to change flies in a hurry when they are "jumping crazy" and not lose a lot of flies by hastily sticking them in hat bands, pockets, basket—anywhere—no time for the fly book then. This neat little device will appeal at once to all practical fishermen by reason of its very simplicity. Pick out a selection of flies for the day's use which are then placed on the band by simply passing the point of the hook through the perforated bar and slipping the snell into the spring. The flies cannot be blown away or torn out by bushes, as they are firmly held by the hook, but can be taken out and put back instantly when desired. Handsome embossed leather bands, with nickeled clips and springs. Straps fasten with snap-buttons and are adjustable.
Each, $1.75

"AYANEFCO" PATENT FLY BOXES.

The Finest Boxes Made.



Style D

Style A

These elegant boxes mark a great advance in the making of pocket boxes for use with eyed, dry, looped or salmon flies. Made from a special grade of aluminum alloy, hard and strong, finished in frosted silver. Instead of the usual white enamel lining these boxes, with the exception of Style A, are lined with fine polished zylonite, which is much superior to enamel and adds greatly to their handsome appearance.

The covers are tight fitting, making the boxes moth-proof and moisture-proof, and the rust-proof clips for holding the flies are riveted to the zylonite lining instead of through the box. They are much lighter than the old style boxes and we commend them to the discriminating angler.

Style A. 6 inches long. Fitted with grooved cork sheets for holding flies. Weight, 4 ozs. ..... Price, $2.50

Style B. 4¾ inches long. Holds 85 trout flies. Weight, 4 ozs., Price, 2.50

Style C. 4¾ inches long. Holds 24 salmon flies. Weight, 3⅞ ozs. Price, 2.50

Style D. 6 inches long. Holds 119 trout flies. Weight, 5 ozs. Price, 3.00

Style E. 6 inches long. Holds 40 salmon flies. Weight, 5 ozs. Price, 3.00

MALLOCH'S PATENT FLY BOXES.

No. 1

For salmon, looped or eyed flies. We import this line of boxes from England to meet the demand for a fine box of this style. Made of heavy metal, beautifully enameled—black outside, white inside.

Close-fitting lids, solid hinges and absolutely moth proof. Fitted with silver clips which hold the flies securely.

No. 0. 4¾ ins. long, 3¼ ins. wide, ½ in. thick.
Holds 24 medium flies, $2.50

No. 1. 4 ins. long; 2¾ ins. wide, ½ in. thick.
Holds 5 dozen small flies, 2.50

No. 2. 6 ins. long, 3½ ins. wide, ½ in. thick.
Holds 7 dozen small flies, 3.50

No. 3. 6 ins. long, 3½ ins. wide, ⅞ in. thick.
Holds 40 medium sized flies, 2.50

No. 4. 6 ins. long, 3½ ins. wide, 1¼ in. thick. Has hinged inside leaf. Holds 64 large flies $4.00

No. 5. 8 ins. long, 5 ins. wide, 1¼ ins. thick. Has hinged inside leaf and compartment for leaders. Holds 90 large flies.....$5.50

No. 6. 8 ins. long, 5 ins. wide, 1¼ ins. thick. Has 2 hinged inside leaves. Holds 150 large and medium flies.....$6.50

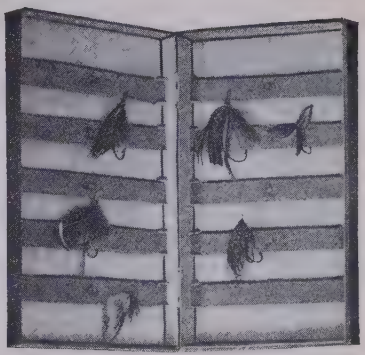
Special stock boxes, to hold from 1,000 to 5,000 flies to order.

Fine leather cases buckskin lined, for any size box to order.

No. 5

"SECURITY" SALMON FLY CASES.

8½x8x5 Inches



7⅝x4¼x1½ Inches

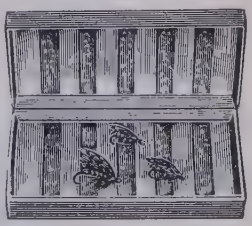
The boxes, which are made with tight overlapping covers, are absolutely moth-proof and the fine cork strips, with which they are fitted, prevent damage to feathers, rusty hooks, etc. All sizes of flies may be carried with perfect safety as the boxes are deep enough to prevent the hooks on large double flies from locking.

They are made by hand, accurately fitted and finished inside with best white enamel. The cases are hand made and stitched of the finest imported orange leather, are telescoping (extra protection) and fitted with handle, strap and nickel lock-buckle. The safest and best form of carrying or keeping the stock of looped or salmon flies.

Regular cases contain five boxes but larger or smaller cases will be made to order.

Regular Case, 5 Nickel Plated Boxes..... $17.50
Special Case, 5 Polished Copper Boxes..... 25.00

MOTH-PROOF FLY BOXES.



Same box as used in our "Security" Cases. An absolutely safe box to keep one's stock of flies secure against attack by moth or dampness. Solid copper, nickel plate or black enamel outside, white enamel inside. Furnished plain for snelled flies and with cork strips for salmon and looped flies.

Size, 7⅝x4¼x1½ inches.

Black Enamel or Nickel. No corks.....Each, $1.75
Black Enamel or Nickel. With corks.....Each, 3.00
Solid Copper. With corks.....Each, 4.50

THE "DRY FLY" BOX.

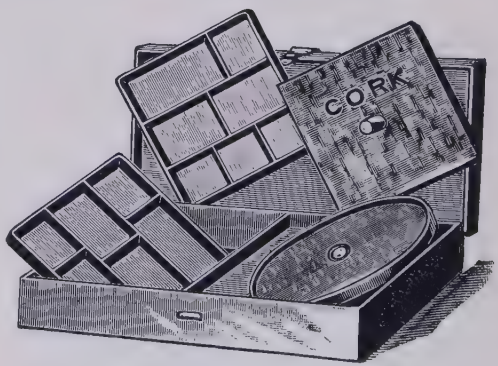
Made of aluminum, polished bright or black enameled, $6\frac{1}{2}$ inches long, $3\frac{1}{4}$ inches wide, $\frac{1}{2}$ inch deep and weighs but 2 oz. Fitted with slotted strip at each end and with felt pads. With it you can keep your flies dry and your snells wet, so that when a fly is changed the loop of the snell can be drawn down tightly on the leader at once. Any fly may be easily removed from box without disturbing the others.

Price, either style, 50 cents.

"CANOE BOX" FOR SALMON FISHERS.

Strongly made of heavy hardened brass. Partitions are soldered. Made by hand and will never wear out, bend or break. Consists of outside box, fly dryer, leader box, compartment for dry leaders, 2 trays suitably divided for various sizes of flies. Triple nickel plate inside and out.

Price, $7.00



ALUMINUM LEADER BOXES.

No. 1.

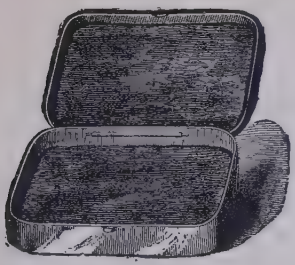
Round leader box, made of fine aluminum, $3\frac{3}{4}$ ins. diameter.

Price, 25 cents.

No. 2.

Special Box, $4\frac{1}{2}$ ins. diameter, 1 in. deep. This box is a big improvement. Of proper size for coiled leaders without the bother of recoiling them.

Price, 35 cents.



THE "BOSS" LEADER BOX.

Solid brass, handsomely finished in bronze, with felt pads for keeping leaders moist.

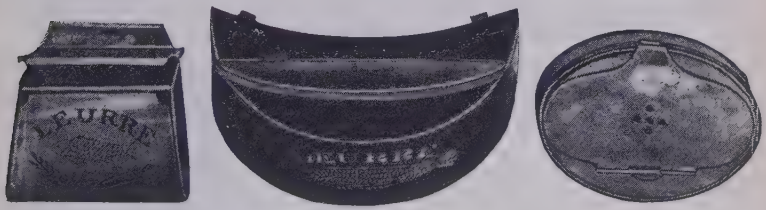
Size, $4\frac{1}{2}$ inches long, $3\frac{1}{4}$ inches wide.
Price, 50 cents.

GUT STRAIGHTENERS.

A very clever little device for straightening leaders, gut, etc., without soaking. Made of pure rubber and consists of two rubber loops to fit over the thumb and forefinger, connected by a broad band. This is slipped on the fingers and the leader or gut rubbed smartly a few times back and forth which straightens it perfectly.

Price, each, 25 cents.

BAIT BOXES.



Basket Crescent Oval

BASKET PATTERN.

This style is made with a strong safety pin on back to attach to the clothing. Preferred by many for this reason, as it can be carried anywhere.

Each, 10 cents.

CRESCENT PATTERN.

The most popular shape and more widely used than any other. Shaped to fit the body and has two loops to carry on the belt.

Each, 15 cents.

OVAL OR POCKET PATTERN.

Handy to carry in the pocket or basket, which, while not so convenient, is the safest way.

Each, 10 cents.

"HOPPER-COOP" LIVE BOX FOR INSECTS.

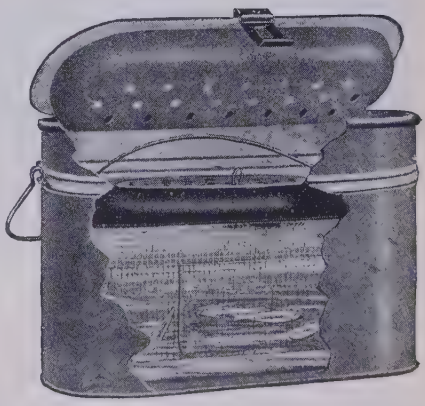
The only thoroughly practical, reliable and easily operated box for carrying live insects and is far superior to anything of the kind ever made.

The size is just right for the pocket, and, as all corners are rounded, there are no sharp points to ruin other tackle when packed or to jab into the body when carried. Made of heavy tin plate in the best possible manner and all seams and joints are machine clamped. Neatly finished in enamel. Has patent sliding top for releasing the bait, which is easily operated by one hand, leaving the other hand free. This bully little box will instantly appeal to, and be appreciated by, the angler using such baits as crickets, grasshoppers, beetles, June bugs, grubs, helgramites, crawfish, lampreys, small frogs, etc.

Size $3\frac{1}{4}$ ins. high, $3\frac{1}{4}$ ins. wide, $1\frac{1}{8}$ in. thick.....Each, $0.20

THE "JONES" MINNOW PAIL.

The Best Minnow Pail Made.



Wherever minnows must be kept for any length of time or transported for any considerable distance this pail will be found invaluable. Its great advantage is the compressed air tank at top which is pumped up with an ordinary bicycle pump. The tank is connected with the water reservoir in which the minnows are kept and sends a constant supply of air through the water, keeping it perfectly aerated and preserving the minnows indefinitely. The tank also serves as a float when it is desired to place the inset in a lake or stream. The flow of air may be regulated at pleasure by opening or pinching together the end of air pipe. Both pails are oblong in shape, which is best for minnows and also more convenient to carry. Strongly made of best material and guaranteed perfect. No. 2 has inset cover for ice.

No. 1 Size 6x8x15 inches. Capacity, 8 quarts.....Price, $2.25
No. 2 Size $6\frac{1}{2}$x10x16 inches. Capacity, 12 quarts..... 3.00

Pumps, for use with above pails, 25 cents.

MINNOW BUCKETS.

"CLIMAX" ROUND FLOATER.

Floating galvanized inset. Pail heavy tin plate with reinforced rim. Sunk top for holding ice. Inset has solid bottom and rim to protect minnows when removed from pail, and has wire bail and self-locking perforated cover. No cover on outside pail. Finished in green enamel.

10-quart size.....$1.00 12-quart size.....$1.25

"PERFECTION" ROUND FLOATER.

Pail and inset both galvanized—perfectly rust and weather proof. Inset is galvanized wire. All galvanizing is done after being made up, filling all seams and joints. Has sunk top for holding ice. Inset has solid bottom and rim to hold water while being transferred, and has wire bail and self-locking perforated cover. Heavily enameled in maroon and gold. The best pail made.

Capacity, 10 quarts.....Price, $1.50

"PARAGON" OVAL FLOATER.

Made of heavy tin plate with galvanized wire inset. Has sunk top for holding ice. Inset has solid bottom and rim to hold water while being transferred and has cone shaped air chamber, which prevents bruising of minnows. Inset cover of wire cloth is self-locking. Heavily enameled in green and gold.

No. 1 $10\frac{1}{4}$ x $7\frac{1}{4}$ x $7\frac{1}{2}$ inches.....Price, $1.25
No. 2 $12\frac{3}{8}$ x 9 x $9\frac{1}{2}$ inches..... 1.50

"DUPLEX" FOLDING BAIT PAIL.

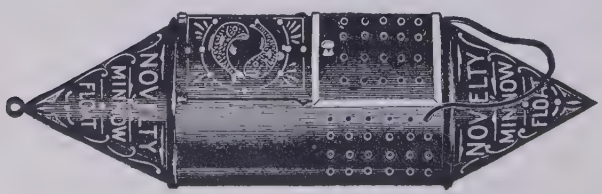
OPEN

FOLDED

A splendid pail in all respects and will be found perfectly satisfactory for all purposes except when necessary to use as a "floater." It can be opened or folded in an instant and the metal rim at bottom raises the pail from the floor and the side arms hold it rigid and upright. The top has raised edge for ice-cooling and perfect aeration is secured by numerous metal eyelets. Water is easily and quickly changed without any injury to minnows. In pails of this kind heat is reduced greatly and the water is much cooler and fresher than a metal pail, consequently the minnows live longer and are more lively. They are especially valuable by reason of their handiness and portability and their general utility recommends them to all. Made of heavy brown canvas, with pantasote bottoms, and are absolutely waterproof. Rims and braces of strong spring steel, heavily japanned. Fitted with strong handles.

No.	Style	Quarts	Diameter	Depth	Size Folded	Price
1	Round	6	10	7½	10½x6x2¼	$1.50
2	Oval.	10	12	9½	12¼x6¼x2½	2.50

LIVE MINNOW FLOAT.



A new model, endorsed by all practical anglers, and will commend itself on sight. It is far ahead of any other known device for keeping minnows alive and fresh and is much less trouble and easier handled than the regulation bait pail. As it is towed behind the boat the water is always fresh and no changing is necessary. It leads easily through the water as the cylindrical body with conical ends offers but little resistance and is not caught by the weeds. As it is only perforated for half its length it can be lifted by the handle and carried the same as the regular pail. Made of heavy galvanized iron and finished in best baked enamel. Has self-locking sliding cover, which is easily operated by one hand. Strongly made throughout and will last for years.

Length, 24 ins. Diameter, 7½ ins. Capacity, 10 qts.....Price, $1.75

THE "HENDRYX" MINNOW TRAP.

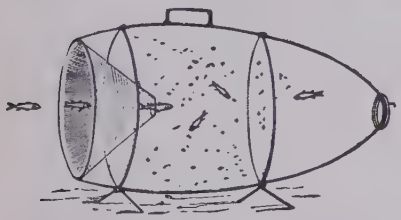
Will catch minnows with or without bait. Place trap in pool, closed side up, with mouth close to bottom. Go around edge of pool, turning over stones, etc., and minnows will go into the trap. Made entirely of galvanized metal. Price, $0.75

"KETCH-UM" TRAP.

Made of steel wire netting, heavily galvanized. Diameter, 10 inches. Length, 16 inches. Breaks in the center and one piece packs inside the other.

Price, 75 cents.

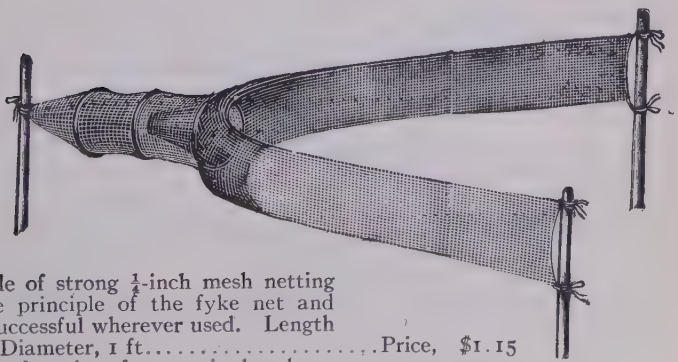
THE "ORVIS" TRAP.



Made of heavy "flint" glass, and is not easily broken. Handles and legs of galvanized metal. Size, 12 inches long, 24 inches circumference.

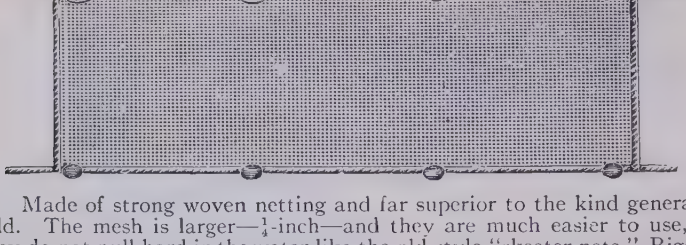
Place cracker crumbs inside trap, attach cord with float to handle and lower trap where minnows frequent. Price, $3.00

FOLDING MINNOW TRAP.



Made of strong $\frac{1}{4}$-inch mesh netting on the principle of the fyke net and very successful wherever used. Length 3 ft. Diameter, 1 ft.....Price, $1.15
With 9 ft. wings for use in brooks or shallow waters.....2.50

"GLOUCESTER" MINNOW SEINES.



Made of strong woven netting and far superior to the kind generally sold. The mesh is larger—¼-inch—and they are much easier to use, as they do not pull hard in the water like the old style "skeeter nets." Rigged with floats and sinkers ready for use. All 4 feet deep, finished mud color.

Length	8 ft.	12 ft.	15 ft.	20 ft.
Price, each	$1.25	$1.75	$2.25	$3.00

Made any length, to order, at proportionate prices.

PLAIN MINNOW SEINES.

Rigged with floats and sinkers, ready for use. All finished in mud color. 4 ft. deep, ⅛-inch mesh.

Length	8 ft.	12 ft.	15 ft.	20 ft.
Price, each	$1.00	$1.25	$1.50	$2.00

EXTRA QUALITY MINNOW SEINES.

Fine hand-made netting, thoroughly waterproofed, 20 feet long, 4 feet deep, ¼-inch mesh. Rigged with cork floats and leads, ready for use.

Price, $7.50

All styles and sizes of nets and seines made to order. Prices upon application.

MINNOW OR SHRIMP NETS.

Three-eighth-inch mesh. Twine 20/6 cord. Rigged ready for use.

Length	4 ft.	4½ ft.
Price, each	$7.30	$8.50

MULLET NETS.

One-inch mesh. Twine 20/9 cord. Rigged ready for use.

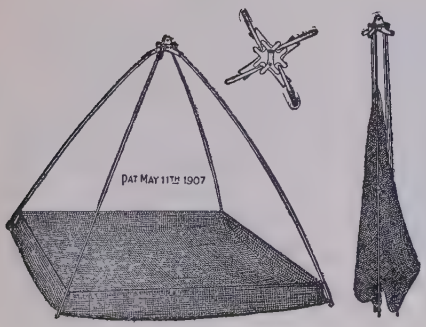
Length	4½ ft.	5 ft.	6 ft.
Price, each	$3.25	$3.50	$4.50

FISH BAGS.

For carrying fish, game, etc. Made with square bottoms and of great capacity. Useful for "market" and "shopping" bags. Has heavy braided cord handles.

18 ins. deep.....50 cents 24 ins. deep.....75 cents

FOLDING BAIT NET.



Folds together like an umbrella and is very compact and light—weight complete, 30 ozs. Made of 3-16 inch mesh brown netting and strongly constructed. Net is 32 inches square and has 4-inch sides, allowing net to be raised to top of water without disturbing minnows. Price, $1.75

"UMBRELLA" MINNOW DIP NETS.

For catching minnows, shiners, etc., for bait. Has four steel arms 30 inches long, making a net when open, 48 inches square, and a package 31 inches long when closed. Opens and closes like an umbrella, and net is always attached. Price, $1.65

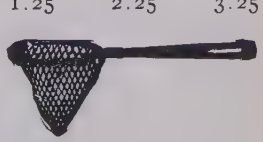
REGULAR MINNOW DIP NETS.

The best quality and make. Mesh is ¾-inch at top, tapering to ⅜-inch at bottom.

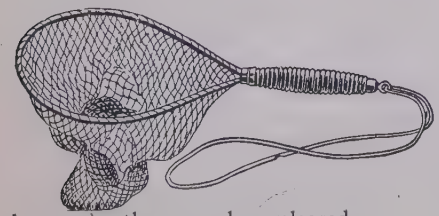
Inches deep.....	18	24	30	36	48	60
Cotton.....	$0.35	$0.50	$0.65	$1.00	$1.35	$2.00
Linen.....	.50	.75	1.00	1.25	2.25	3.25

MINNOW PAIL DIP NETS.

For removing minnows safely from bait pails, seines and traps. Nickel-plated frame with 6-inch net, price, 25 cents.



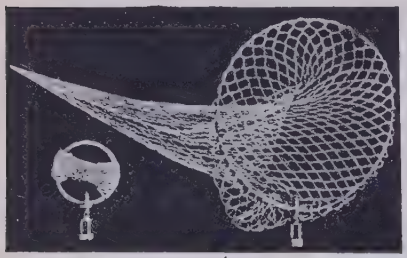
"BROOK" LANDING NET.



A good model for trout fishing. Well made with rattan frame and wood handle, fitted with elastic rubber cord for carrying over shoulder and which permits of the net being stretched to full arm's length, adjusting itself close under the arm when released.

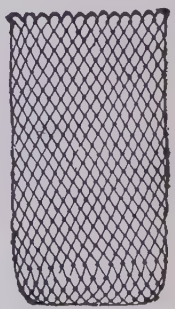
Price, complete with good net, $1.00

"BIJOU" POCKET LANDING NET.



As the illustration shows this collapses, without removing the net, to 6 inches in length and 4 inches wide. Set up, which is done in a moment, it is 12 inches in diameter. Carries handily in the pocket and a handle is quickly cut and fitted, by means of the screw-head, at the stream. The frame is of strong spring bronze which is released and held in place by the thumb-screw. Simply work frame and net around to desired shape and set the thumb-screw. Fitted with fine linen net. Price, complete, $2.00

SQUARE BOTTOM LANDING NETS.



This is the ideal shape for a landing net and is far better than the old style with the tapering bottom. When netted, the fish lie flat in the bottom, lessening the chance of escape, and they are more easily removed. They are also much easier to handle as they open out full and roomy when scooping, and do not pull in the water as the taper nets do.

Our nets are the very best quality and are exceptionally strong and durable.

"PERFECTION" ENAMELED NETS.

These beautiful nets will appeal instantly to all anglers who are particular about their outfit. Made of heavy silk, enameled in black, with square bottoms. They are very strong, do not become water-soaked and are easily kept sweet and clean. They are superior to anything of the kind ever offered before and we particularly recommend them.

Depth in inches	20	24	30
Price	$1.75	$2.25	$2.75

REGULAR "SQUARE BOTTOM" NETS.

All made with square bottom and of superior quality material and workmanship. All have double top loops to fit over net frame, insuring greater strength and durability.

Style / Depth in inches	20	24	30	36
Braided Linen, Waterproof	$0.60	$0.75	$1.00	$1.25
Plain Linen, Tan Colored	.35	.50	.65	.75
Plain Cotton, Tan Colored	.25	.35		

FOLDING LANDING NET RINGS WITH STAFF.

Prices quoted do not include nets.

This is the very best net ring on the market and has been the standard for years. They are very light, yet strong and durable. The ring is folded or expanded easily and quickly, and it is never necessary to remove the net. The handles, which are made in two pieces, are jointed by a strong ferrule the same as a rod, and are 4 feet long when jointed. Size of ring when open, 15x13¾ inches.

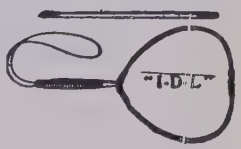
No. 1 Steel frame, nickel plated, wood handle..... $2.00
No. 2 Steel frame, nickel plated, bamboo handle..... 2.25
No. 3 Bronze frame (rust-proof,) bamboo handle..... 2.75
No. 5 Steel, extra strong, bamboo handle..... 3.00

SALMON MODEL.

Made especially for salmon fishing, when the fish run of medium size, and when it is more desirable to net the fish instead of gaffing. Has 6-foot, 2-jointed handle. Size of ring when open, 19x16 inches.

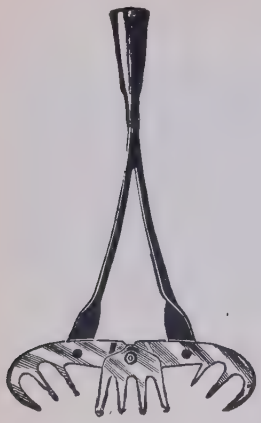
No. 4 Steel frame, japanned, bamboo handle..... $3.00

WADING MODEL.



For wading streams and all purposes where a "handy" net is required. The "I. D. L." has a 6-inch scored wood handle and elastic cord for carrying the net over the shoulder—it allows the net to be stretched out at arm's length and, when released, holds it snugly below the arm. Size of ring when opened, 9⅜ x 11 inches. "Our Own" model is a general favorite where a medium size is required, and when the elastic cord is not favored. It has a 12-inch bamboo handle with hook for carrying on the belt or basket sling. Size of ring when opened, 11¾x13 inches.

"I. D. L." Trout size. Japanned frame..... $1.00
"Our Own." Bass size. Japanned frame..... 1.50



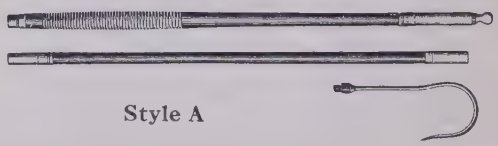
"NORLUND'S" AUTOMATIC GAFF.

The only automatic gaff worthy of the name. This gaff is absolutely perfect in its action. It is not necessary to strike the fish with a point of the gaff or to get the gaff astraddle, as with other makes. Simply push the open gaff against the fish and—snap!—he is safely held. Handsomely nickel-plated.

Small size, $5\frac{1}{2}$-inch spread..... $1.50
Large size, $8\frac{1}{2}$-inch spread..... 1.75

MOUNTED GAFFS.

Made from fine spring steel of proper size and correct shape. Hook 8 ins. long, $2\frac{1}{2}$ ins. wide, with two jointed, 4-foot handle. $1.25



Style A

Hook 7 ins. long, $3\frac{1}{4}$ ins. wide, with barb, same style handle..... $1.75

Style B

Size of hook, 7 ins. long by 2 ins. wide. Handle, 3 ft. long with scored grip; $0.50

SCREW GAFF HOOKS.

These hooks screw into handle and will fit all "Harrimac" handles.
Hook No. 1. Size, 8 ins. long, $2\frac{1}{2}$ ins. wide; .....price $0.50
Hook No. 2. Size, 7 ins. long, $3\frac{1}{4}$ ins. wide, with barb; 1.00
Either hook, with socket to fit to plain handle; extra ..... .25

TANG HOOKS.

For lashing upon plain handles.

No. 1. Size, 7 ins. long by 3 ins. wide; .....price $0.25
No. 2. Size, 7 ins. long by 2 ins. wide; ..... .20
No 3. Tarpon gaff. Hand forged steel, tempered and plated, $1.25

SPECIAL TARPON GAFFS.

No. 4. Fine tempered steel tang hook, polished and plated, with 6-foot ash handle, slot for hook.....Price, $2.25

No. 5. Extra fine and heavy gaff hook, ground, tempered and plated. Hook screws into strong waterproof socket on 6-foot straight grained selected ash handle, with cord wrapped hand grasps.....Price, 4.25

"IDEAL" SECTIONAL GAFF HOOKS.

Unjointed, fits any tackle box or the pocket. Set up, is as strong and rigid as one piece. Length, set up 21 inches; unjointed, 7 inches. Weighs but 5 ounces. Nickel plated, ebonized handle.

Price, 75 cents.

RUBBER BUTT RESTS.

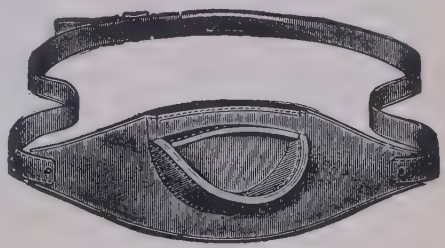
Useful to protect the rod butt and a great aid in all fishing. When playing fish, butt can be rested steadily against the body in any position. Will fit any standard rod. Made of fine, soft rubber in three sizes.

Small.....$0.30
Medium.....45
Large.....60

LEATHER BUTT RESTS.

A great aid in heavy fishing of all kinds. Made of best quality russet leather, with heavy sole leather cup to hold butt of rod. Indispensable for tarpon fishing.

Price, $2.50.



RUBBER ROD GRIPS.

For use on any ordinary sized rod. These grips are a great advantage in all styles of fishing, especially for trolling and bait casting as they afford a firm and secure forward grasp. Can be slipped on rods over ordinary guides but large guides must be removed. Fill grip with powder which comes with it (or soapstone) and it will go on easily. Made of best red rubber with corrugated grasp.

Length, 2¾ inches.....Price, $0.50

FRENCH WILLOW BASKETS.

Special Make.

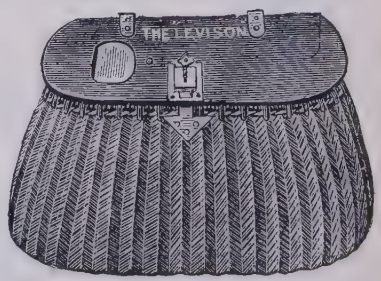
In comparing these baskets with others please note that they are the very finest imported quality. In addition to this we equip all our baskets with heavy hand-sewed leather hinges and with straps and buckle fastening, making them durable and secure. All have the opening on the forward side of cover, which is more convenient than the old style with hole in center. Beautifully made by hand from the highest grade of pressed willow, with curved backs to fit close to the body.

Prices quoted do not include straps.

(See page 436.)

Number	0	1	2	3	4	5	6
Capacity in pounds	6	9	12	20	25	30	35
Price	$1.00	$1.25	$1.50	$1.75	$2.00	$2.50	$3.00

THE "LEVISON" CREEL.



Made with composition covers, with the opening in end instead of center. The opening is protected by a metal door with spring hinge, that closes automatically and may be secured by a turn-button inside. The cover is attached by substantial ornamental hinges and secured in front, when closed, by a combination bolt and lock. Both or either may be used.

The basket is stained a dark color, and well finished with waterproof varnish. All the trimmings are made expressly for these creels of the best material.

Made in sizes 2 and 3 only. Price, either size..... $6.00

THE "CANADIAN" CREEL.

Designed Especially for Carrying Large Fish.

This is a very desirable basket because of its small appearance and large capacity. It is 17 inches long, but only 8 inches high, and will carry large fish laid out straight. Made very strong, of extra quality willow, stained brown. The hole in cover is placed near the end, which is the proper position to slip a fish in easily.

Made in one size only. Price, $3.00

Open

"DUPLEX" FOLDING CANVAS CREEL.

Waterproof.

Folded

Made of heavy brown water-proof canvas with japanned steel frame and braces. Its portability is a great feature. Can be washed with hot water, keeping it sweet and clean. Rigid when set up and ventilation is secured by eyelets in sides and bottom. Price includes shoulder straps.

No.	Length	Width	Depth	Size Folded	Price
1	10	4½	5½	6x7x3	$2.00
3	12	5½	7½	7x8x3	2.50

"HANDY" FOLDING CREEL.

Made of good canvas, tan color, and is strong and durable. A convenient creel for either fish or small game. Can be folded flat and carried in the valise or pocket.

Made in three sizes of 12, 20, or 25 lbs. capacity.

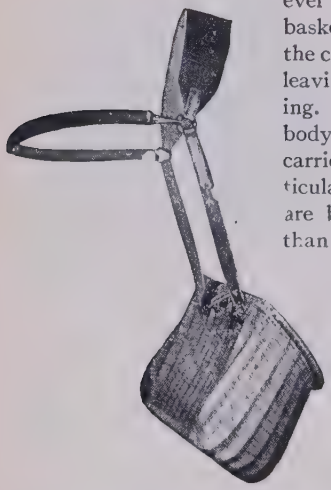
Price, including shoulder straps, 90c.

WATERPROOF POCKETS FOR BASKETS.

For use with the willow basket and a very handy device for carrying lunch, fly hooks, etc., in the basket. Made of pantasote, perfectly waterproof and can be washed as often as necessary. Fits inside the basket and is held in place by passing the carrying strap through the slits in the pocket. In ordering give the length and height of basket at the back.

Small, $0.75. Medium, $1.00. Large, $1.50

BASKET SLINGS AND STRAPS.



The new style sling is by far the best pattern ever devised for practical angling. If the basket is to be carried on the left side, as usual, the carrying strap passes over the left shoulder, leaving the right arm entirely free for casting. Basket is held in place by strap around body, fastening with snap-hook, and can be carried on either side as preferred. We particularly recommend our Nos. 4 and 5. They are better quality and more carefully made than any others—fine hand work throughout.

No. 1. Plain leather strap. For creels and bait boxes $0.20

No. 2. Leather and webbing .20

No. 20. New style. Made of brown webbing .25

No. 3. New style. Light webbing and leather .35

No. 30. New Style. All leather. Padded shoulder strap..... .75

No. 4. New style. Made of finest quality webbing and leather 1.50

No. 5. New style. Made of soft, waterproof leather..... 2.00

IMPORTED WILLOW LUNCH OR PICNIC BASKETS.

Hand made of fine quality willow, strong and durable. A superior grade to those usually offered. Has two covers and small separate compartment.

No. 1. 16x10x9 .Price, $1.75

No. 2. 18x11x9 . " 2.25

No 3. 20x12x11. " 2.75

"DUPLEX" FOLDING BASKET.

Open

Folded

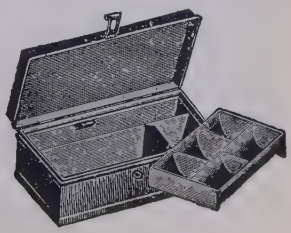
This handy and convenient basket affords a splendid means of transporting fish, game, etc., and also for small animals. The material is perfectly waterproof and may be washed as often as desired without injury. Thoroughly ventilated by numerous eyelets in sides and bottom. Simple to operate, easy to carry and take up very little space when folded. They are safe, strong, durable and hygienic.

No.	Length	Width	Depth	Size Folded	Price
2.	16	9½	7½	10½x8½x3	$2.00
3.	18	11	9½	12x9½x3	2.50

IMPROVED TIN TACKLE BOXES.

Our line of boxes is positively the best on the market, and yet the prices are no higher than the inferior grades. Made from I X X tin plate, with machine clamped corners and bottoms, finished with two coats of high grade enamel. Heavier, more durable, better made and more highly finished than any other boxes.

No. 1. Size, 8¼x3x4⅛ inches. Has one long compartment for hooks and three small spaces for reels, etc. . . . . Price, $0.50



No. 2. Size, 10½x4x5⅛ inches. Has one long compartment for hooks, one large reel compartment and space for lines, floats, baits, etc. Has one tray divided in five spaces. . . . . Price 75c.

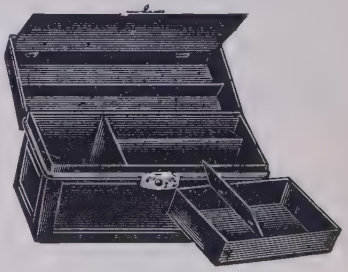
IMPROVED TIN TACKLE BOXES.

No. 3. Size, $12\frac{1}{4}$x$5\frac{1}{2}$x$6\frac{1}{8}$ inches. Has compartment for two or three reels and large compartment for fly books, leader box, etc. Has two trays—one has one large and two small spaces for snelled hooks, baits, etc., and the other has six spaces for sinkers, loose hooks, etc.

Price, $1.25.

No. 4. Size, $10\frac{3}{4}$x$4\frac{3}{4}$x$5\frac{1}{2}$ ins. Fine hand-made box. Reinforced rims and corners. Has compartment for one large or two medium size reels; two large compartments for baits, floats, etc., and has tray with one open and one closed compartment. Lid is of proper size for fly books, snelled hooks, etc. Has movable partition lengthwise and has hinged inside cover. Has fine snap lock and key. A handy sized, compact box that will appeal to all practical anglers and which we highly recommend.

Price, $3.00



"SERVICE" TACKLE BOX.

The Strongest Made.

Made throughout of IXXXX tin plate and highly finished in jet enamel. Has 1 large and 2 small reel spaces and 3 large compartments for fly books, lines, floats, etc. Has 1 tray with 2 long spaces for snelled hooks, baits, etc., and 1 tray with cover having 6 compartments for loose hooks, sinkers, swivels, small baits, etc. Fitted with fine Yale snap lock and key, and has heavy leather strap handle. The strongest and most substantial box made and which will last for years and stand all manner of abuse. Size, $12\frac{1}{2}$x$4\frac{1}{2}$x8 inches.

Price, $5.00.

"IMPERIAL" TACKLE BOXES.

Hard wood frames, covered with best quality russet leather, seamless and is sewed by hand.

Finely finished trays and divisions. Solid leather hinges. Fitted with patent snap lock and key. German silver name plate. All have hinged compartment in lid for fly and hook books, etc. All partitions removable.

We absolutely guarantee these to be the finest and best boxes made on the market, and challenge any comparison.

No. 1. 13 ins. long, 6 ins. wide, 7 ins. deep. Has 2 trays and 3 spaces for reels, etc.....Price, $8.50

No. 2. 10 ins. long, 8½ ins. wide, 6 ins. deep. Has 1 tray, spaces for 2 reels and 3 tackle divisions..... 7.50

No. 0. 14 ins. long, 9 ins. wide, 6½ ins. deep. Has 1 tray, spaces for 2 reels and 4 tackle divisions..... 10.00

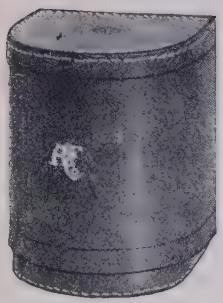
No. 3. 16 ins. long, 9 ins. wide, 9 ins. deep. Has 3 trays and 2 tackle divisions. Spaces for 2 large reels and 3 medium and small reels. Compartments in lid for fly books, tackle books, etc. A fine "kit" box..... 15.00

"DE LUXE" TACKLE BOXES.

As the name implies, these boxes represent the acme of fine workmanship and finish. Made in the same manner as our "Imperial" boxes but lined throughout with fine tan colored suede leather. This not only gives to the box a very handsome appearance but greatly enhances its value by its durability. We commend these boxes to the critical angler with the full assurance that their equal is not to be had elsewhere.

Sizes same as "Imperial."
No. 1, $11.00. **No. 2**, $10.00
No. 0, $12.50. **No. 3**, $17.50
Marking, extra, 3c. per letter.

TELESCOPE REEL BOXES.



These boxes are the very finest made and the material and workmanship cannot be surpassed. We consider the telescope pattern far the best in every way—it affords more protection to the reel and is easier to open.

All lined with fine suede leather.

No. 1	2½ ins. wide, 2½ ins. deep inside	$1.50
No. 2	2¾ ins. wide, 2¾ ins. deep inside	1.75
No. 3	2¾ ins. wide, 3½ ins. deep inside	2.00
No. 4	2¾ ins. wide, 3¾ ins. deep inside	2.25
No. 5	3 ins. wide, 2¾ ins. deep inside	2.25
No. 6	3½ ins. wide, 4 ins. deep inside	2.50
No. 7	4½ ins. wide, 4¼ ins. deep inside	3.00
No. 8	5½ ins. wide, 5½ ins. deep inside	3.50

Special sizes promptly to order.

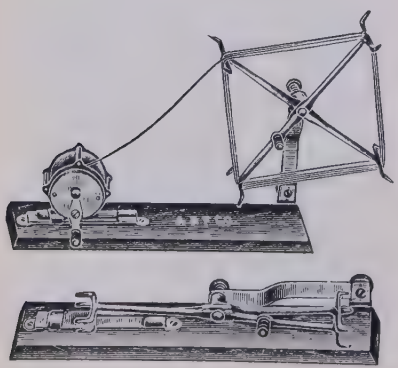
HINGED TOP REEL BOXES.

With loop for belt. Fine quality leather lined with chamois.

For Single Action Reels—	25 to 60 yds	Price,	$1.25
For Single Action Reels—	80 to 150 yds	"	1.75
For Salmon Reels—		"	2.50
For Multiplying Reels—	25 to 100 yds	"	1.75
For Multiplying Reels—	150 to 200 yds	"	2.00
For Multiplying Reels—	250 to 300 yds	"	2.50
For Tarpon Reels		"	3.00

When ordering give dimensions of reel.

"ANGLER'S FRIEND" DRYING REEL.



A thoroughly practical and very useful article for drying lines. Compact, strong and simple in operation. Will soon pay for itself in the saving of your lines and should be in every well appointed fishing outfit. We recommend them highly and guarantee them to be the best and most practical made. Polished oak base, nickel reel-seat and standard.

Size when folded, 9½x2½x 1¼ inches.

Price, $2.00.

SOLE LEATHER ROD CASES.

All made of best quality Union tan sole leather, selected stock and extra heavy. Fitted with fine lock buckle and name plate. Made 50 inches long to allow for padding, reel-cases, etc.

Inside Diameter	3½ inches	4½ inches	5 inches
Price	$13.00	$15.00	$16.00

Salmon Rod Cases (to order) 60 to 70 inches long. $25.00 to $35.00.

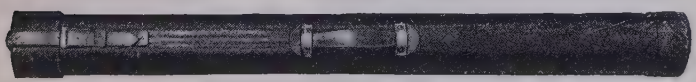
STIFFENED LEATHER ROD CASES.

Hand made of fine russet leather over extra heavy pressed paper tubes, lined with flannel and fitted with fine lock buckle. The best grade of leather covered cases made. Length, 50 inches.

Inside Diameter	3½ inches	4 inches	4½ inches	5 inches
Price	$5.00	$5.50	$6.00	$6.50

For Salmon or Tarpon Rods (to order) 60 to 70 inches long. $10.00 to $15.00

"INVINCIBLE" ROD CASES.



The best rod case in the world. Made of patent fibre by a new process and while very light in weight is practically unbreakable and indestructible.

The only case made that is absolutely safe to ship by express or check as baggage. Hand-riveted and fitted with heavy oak tanned leather handle and strap with best lock buckle. Finished in drab color and varnished. Length, 45 inches.

Inside diameter	3 ins.	3½ ins.	4 ins.	4½ ins.	5 ins.
Price	$8.50	$9.00	$9.50	$10.00	$11.00

For Salmon and Tarpon Rods, 60 to 70 inches long, $15.00 to $20.00.

Special sizes to order at short notice.

SINGLE ROD CASES.

All hand work. Fine grade russet leather. Has stitched handle. Cap closes with strap and buckle. When ordering state length wanted.
Price, $3.50

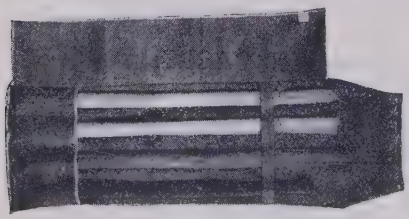
SPECIAL "PACK ROD" CASES.

STYLE A

STYLE B

This fine little case is one we have turned out to meet the demand for a case of this kind by Western packers, prospectors, hunters, and canoemen, who use the short "pack rod" largely. These cases are light, strong as steel cannot be crushed and carry a rod absolutely safe. Made only in length up to 25 inches with heavy leather cap at each end, fastening with strap and buckle and has loop for belt or carrying strap. When ordering state length wanted.

Style A. Plain Case with leather ends.....Price, $3.50
Style B. Full leather covered..... 5.00



OPEN

FOLDED

FOLDING ROD CASE.

This convenient little case will be found acceptable in many ways Carries four rods and rolls up snug and compact. When in camp or the club house the case is hung up exposing the rods in handy form. Made of strong waterproof Pantasote, to tie with tapes, carefully finished and has leather handle. A most excellent means for carrying several rods where the large rod case would be inconvenient. Price, $2.50

BAMBOO TIP CASES.

Carried in stock for rods 8½ to 11 feet in length. Special cases made to order for large tips, single-piece rods, etc.

Regular sizes, screw cap.....Price, $1.50

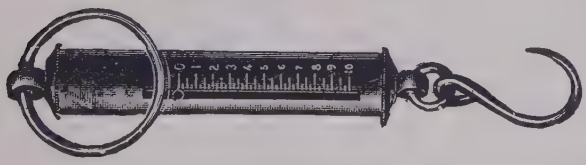
SCALES.

"A. & F. SPECIAL."

Finest quality imported English spring balances. Made of heavy German silver and tested by the Government standard. Reading scale draws out from top of frame. The very best scale made.

No. 1	Weighs 5 lbs. in ounces	Price,	$2.00
No. 2	Weighs 12 lbs. in quarter lbs	"	1.50
No. 3	Weighs 20 lbs. in quarter lbs	"	2.25
No. 4	Brass. Reads in slot. 60 lbs. by ½ lbs	"	3.00

STANDARD SCALES.



Strongly made. Heavily nickel-plated.

No. 5	Weighs 10 lbs. by ¼ lbs	Price,	$1.00
No. 6	Weighs 25 lbs by ¼ lbs	"	2.00

"NOVELTY" SCALES.

No. 7	Weighs 15 lbs. by ¼ lbs	Price,	$0.25

"VEST POCKET" SCALES.

American make, after the pattern of "A & F Special." Fine quality and accurate. Polished brass with steel hook and ring. A neat and trustworthy little scale for brook fishing.

No. 8	Length, 3⅛ inches. Weighs 2 lbs. by 1 ozs	Price,	$1.25

SOFT LEATHER FISHING GLOVES.

Light, flexible and unaffected by water. Fingers cut half length and ends finished with tabs in such manner that gloves are easily pulled off.

Indispensable for spring fishing as a protection against black flies, mosquitoes, etc. Price, per pair, $1.25.

DARLING'S THUMB-STALL HARNESS.

This unique little device should appeal to all fishermen using the thumb-stall, especially for heavy sea-fishing and surf-casting. It holds the stall snugly, preventing it from working loose and running in the reel. Made of soft, waterproof leather, fastening with small strap and buckle. Very light and comfortable and is quickly adjusted to any size wrist or length of finger. Price, 25 cents.

THUMB-STALLS.

Hand knit for heavy fishing. Made with loop at top for attaching to wrist strap. Close fitting and elastic.

Wool or cotton. Each, 10 cents.

REEL OR THUMB BRAKES.

Leather pad, with metal clasp for attaching to reel bar.....50c.
Corrugated Rubber, with metal clasp for attaching to reel bar.....60c.

ROD HOLDERS.

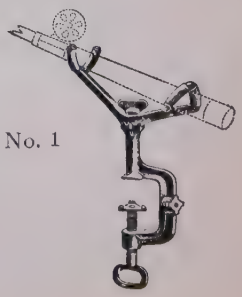
Indispensable for trolling or when still fishing with more than one rod.

No. 1. Adjustable anywhere and in any position. Strongly made and well tinned to prevent rust. Holds the rod securely and rod may be set in rest or removed instantly.

Each, 75 cents.

No. 2. Arm rests only. To screw into seat gunwale, etc.

Each, 50 cents.



No. 1

"NATARE" DRY-FLY OIL.

Imported English.

The very finest preparation of the kind on the market and far superior in every way to paraffine oil or others of a like nature. "Natare" will positively float any fly and, even when freshly applied, will not leave the objectionable oil-rings on the surface of the water as the paraffine oil preparations do. Its greatest advantage, however, is that the flies may be treated months in advance and will, when used, float like thistle down and positively will not become sodden. "Natare" in no way injures either the gut, hooks or feathers and is quite odorless and clean to handle.

Dry-fly fishermen will at once recognize its wonderful qualities and we cannot recommend it too highly. Put up in strong glass bottles, flattened for convenience in carrying, fitted with screw top, hard rubber corks and rubber washer.

Price, per bottle, 50 cents.

"DRIFLI."

An American preparation similar to "Natare" Oil and quite satisfactory for general use. Put up in glass vials with metal screw-cap.

Price, per vial, 25 cents.

PARAFFINE OIL IN TUBES.

For dry-fly and floating-fly fishing. Put up in the "One Drop Oiler," a solid metal tube which cannot leak. When the cap, which has a wire attached is unscrewed and withdrawn, just enough oil adheres to dress the fly.

Best Paraffine Oil and Tube.....Each, 20 cents.

IMPORTED ENGLISH DEER FAT.

Unequaled as a line dressing, especially for enameled lines, rendering them soft, smooth and flexible. A great preservative and lines dressed with this preparation will not become sticky. Invaluable to the dry-fly fisherman for floating the line and leader, for which purpose it is unexcelled. Put up in 2½-ounce round tins. handy for the pocket.

Price per box.....50 cents.

FINE REEL OIL.

In the care of fine reels the quality of oil should not be overlooked. The famous "Ezra Kelley" oil needs no introduction. It has long been acknowledged the best, and is the oil used by the Swiss and American fine watch factories.

The "Monarch" is also a standard watch and clock oil, and is largely used. A few drops of fine oil occasionally applied to clean bearings will double the life of any reel.

"Ezra Kelley" Oil, per vial..... $0.45
"Monarch" Oil, per vial..... .25

GRAPHITE.

Specially prepared for smoothing and polishing enameled casting lines. Imparts a smooth, glassy finish and prevents the line from kinking and snarling. Put up in tight fitting friction-top tins.

Price, 25 cents.

FERRULE GREASE.

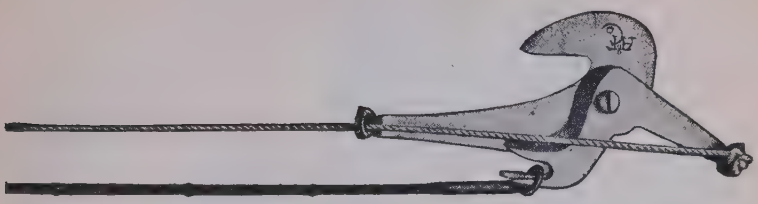
Made especially for greasing and lubricating ferrules and reel seats. Positively prevents pitting and corrosion of all metals. The best preparation of the kind made and highly recommended. Put up in 2 ounce friction-top tins. Price, 20 cents.

"TOURADIF" ROD VARNISH.

The finest and best varnish it is possible to make and guaranteed superior to any other on the market. It is the same varnish we use on all our best rods and is extremely hard, elastic and durable. Our regular varnish gives a good, durable body and is satisfactory for ordinary purposes but to procure the best results the finishing varnish should be used as a last coating, which gives a smooth, glassy finish. Put up in 2 ounce screw top tin cans. Full directions on each can.

No. 1 Body Varnish.....Price, per can, .25
No. 2 Finishing Varnish.....Price, per can .25

LINE RELEASER.



All fly fishermen are familiar with the troublous times that ensue when, after a too vigorous "strike" or a careless back cast, the line is found to be "up a tree." This little tool is designed especially for this purpose and we expect that its appearance will be hailed with delight by anglers the world over. No kit is complete without it. No fisherman, however careful he may be, is immune from trouble but with this tool in his possession he is saved many broken line or leaders lost flies and tips. It is simple in operation and absolutely certain in action. When the fly is caught upon a twig the tool is used as follows: Set the tool in such position that the two little spurs on the sides of the two arms are brought together. (See cut.) The top ring of the rod-tip is then slipped over the two spurs and the cutter raised by means of the rod and placed in position on twig it is desired to cut being held in position meanwhile by a steady pull on a string attached to the cutter. The rod is then withdrawn and by pulling the string one arm of the cutter is caused to turn upon the other, clipping off the branch and down comes your line all safe, and done in a few moments. Owing to the rotary cutting motion and the powerful leverage obtained this little tool will cut quite easily a branch of considerable size. The cutter is made of fine tool steel carefully ground and finished. The size is just right for the vest pocket—$2\frac{3}{4}$x$1\frac{5}{8}$ inches. Weight $\frac{1}{2}$ oz.

Price, 75 cents.

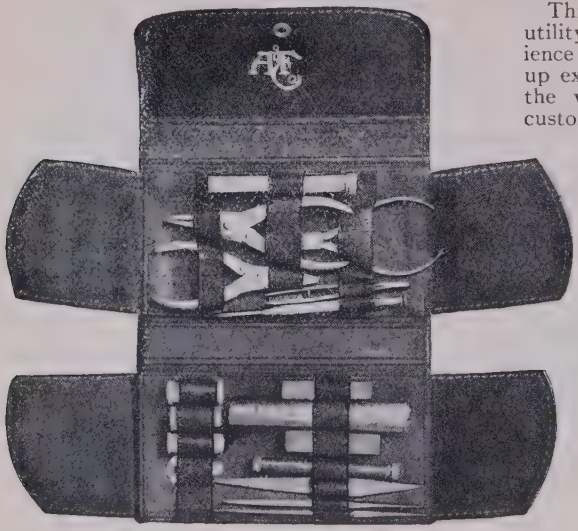
Leather carrying case for same.....15 cents

VEST POCKET FORCEPS AND CUTTERS.

Finest quality tempered steel, heavily nickel-plated. Useful for snipping off frayed ends of line, gut, etc., and for picking out snarls in reel. Indispensable to those who use eyed flies.

Finest quality steel. Nickel plated.....Each, $2.50
Imported English. Polished steel..... 1.50

DARLING'S REPAIR KIT.



This little gem of utility and convenience we have gotten up expressly to meet the wants of many customers who desire a compact, serviceable kit without any "frills." All the tools are of the best make and very highest quality, finely nickelplated. With this little friend in your pocket "smash-ups" lose their terrors and any repair job likely to be met with on an outing may be speedily accomplished. Contains round-nose and flat-nose pliers, both "parallel opening," fine tempered close-cutting nippers, jeweler's rotary screw-driver, vest pocket screw-driver, tweezers, one-drop oil can, polishing paper, emery cloth, ferrule cement, hook file, cutting file, round file, soft brass splicing wire, wrapping silk, wrapping linen and piece wax. Put up in a handsome fine quality morocco case, with extra pocket for "odds and ends." Case opens flat in the hand, and tools are instantly accessible. Size when closed, 6 ins. long, $3\frac{1}{2}$ ins. wide 1 in. thick.

Weight, 10 ozs., Price, $7.50

FINE CARBORUNDUM HOOK STONES.

Far superior to a file in every way and should be in every fisherman's outfit. For pointing and sharpening hooks they have no equal and make a smoother point than a file. Made triangular in shape so as to work under beard or barb. Length 2 inches.

Price, 35 cents.

POCKET OILERS.

"One-Drop" oilers—the best made. Solid metal and cannot break. Has milled cap with wire dropper. The best for oiling reels.

Price, 10 cents.

ANGLER'S TOOLS AND SUNDRIES.

All of best make and finest quality.

TWEEZERS.

Fine tempered steel, nickel-plated, matted sides and grip. Each, 35c.

NIPPERS.

Finest quality imported French side-cutting pliers. Tempered steel and heavily nickel-plated. Has close-cutting jaws and will cut a silk thread or a steel hook. $3\frac{1}{8}$ ins. long. Each, $1.00

SCREWDRIVERS.

Best quality jeweler's "one-hand" screwdrivers. Held and operated with 3 fingers. Finely nickel-plated. The only screwdriver for small screws in reels, guns, etc. Each, 35 cents.

PLIERS.

Best made. Fine steel, nickel-plated. Both are "parallel opening," which gives an even grip the full length of the jaw. Useful in many ways and should be in every angler's kit.

Flat Nose, $3\frac{1}{2}$ inches long	Each,	$0.50
Round Nose, 4 inches long	"	.50

FILES.

Best Quality Imported. Very Fine.

Flat Hook Files, tapered	Each,	$0.25
3-Cornered Cutting Files	"	.15
Round or "Rat-tail," for reaming	"	.25

"VEST POCKET" SCREWDRIVERS.

Especially useful for starting large screws in reels. Fine tempered steel, blued, with broad finger grasp. Worn on watch chain or key-ring.

$1\frac{1}{8}$ inches long	Each,	$0.10

FERRULE CEMENT.

King. In $\frac{1}{2}$ ounce sticks	Each,	$0.15
Dodge's, the best. In 1 ounce tubes	"	.25

WINDING SILK.

Best Italian Silk. 50-Yard Spools.

Black, White, Red, Yellow, Green	Each,	$0.10

BEST QUALITY HOOKS FOR FLY TYING.

Sproat or Sneck—Tapered Ends.

Number	1 to 14	1/0	2/0	3/0	4/0	5/0
Box of 100	45c.	60c.	65c.	70c.	80c.	90c.

"Pennell" Sproat or Limerick.

Number	1 to 12	1/0	2/0	3/0	4/0	5/0
Box of 100	75c.	85c.	95c.	1.00	1.10	$1.20

FLY TYER'S MATERIALS.

Tools, etc.

Vice, Best English, $2.50; American	$2.00
Scissors.. $.75; Tweezers.. $.35; Pliers	.50
White Wax, per ball, .10; Black Wax, per tube	.15
Varnish, white or black. Per vial	.15
Whipping Silk, on 100 yard spools, per spool	.15
Gold or Silver Twist, large spools, per spool	.30
Gold or Silver Tinsel, wide, large spools, each	.35
Gold or Silver Tinsel, narrow, large spools	.25
Mohair, for dubbing and bodies per packet	.10
Pig's Wool and Seal's Fur, per packet	.25
Silk Floss, all colors, per skein	.05

Skins.

Scarlet Ibis (genuine)	$2.50	Jungle Cock	$2.75
Blue Chatterer	3.50	Indian Crow	3.00

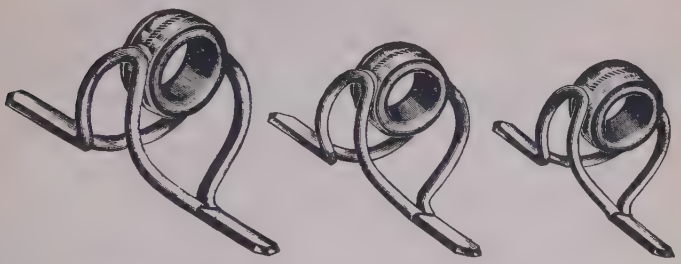
Feathers and Wings.

Hackles, all colors, selected	per dozen	$ .25
Grouse Hackles, assorted	"	.25
Mallard Feathers, per dozen, Brown, 15c; Gray	"	.10
Bustard Feathers, medium	"	.90
Summer Duck Feathers, plain or lemon	"	.35
Wood Duck Feathers, barred	"	.95
Jungle Cock Feathers, selected	"	.35
Indian Crow Feathers, selected	"	.40
Red Ibis Feathers, genuine	"	.20
Teal Feathers, assorted	"	.20
Guinea Hen Feathers, assorted	"	.15
Peacock Tails, moons	Each,	.15
Turkey Tails, barred	"	.05
Pheasant Tails, spotted	"	.35
Red Macaw Tails, selected	per inch,	.25
Blue Macaw Tails, selected	"	.30
Golden Pheasant Tippets, selected large	per dozen,	.40
" " " selected medium	"	.30
" " " selected small	"	.25
Golden Pheasant Crests, selected, large	"	1.50
" " " selected, medium	"	1.00
" " " selected, small	"	.60
Woodcock, Pheasant, Snipe, Starling and Plover Wings	per pair	.25
English Blue Jay Wings	"	.35

Many of the above materials are scarce and difficult to procure, and the price is constantly fluctuating. We shall, however, endeavor to keep same in stock at all times, and to maintain above prices.

Any materials not listed will be furnished to order.

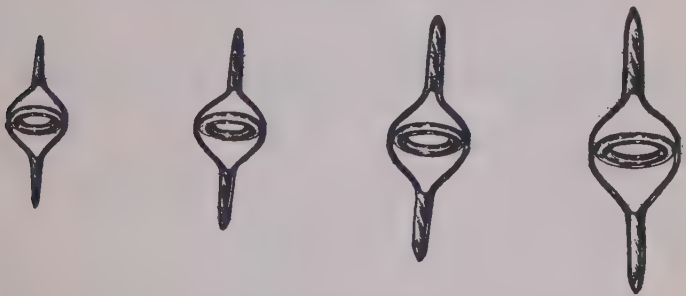
LARGE AGATE CASTING GUIDES.



No. 3 No. 2 No. 1

Very finest quality. Mounted in German silver. New Pattern. All sizes, each..... $0.90

NEW MODEL NARROW AGATE GUIDES.

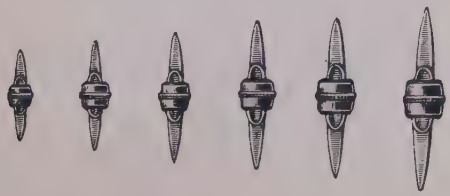


No. 1 No. 2 No. 3 No. 4

A new pattern, especially made for casting and bait rods. The agates are very narrow and practically frictionless and are so mounted that they cannot work loose. Set high above the rod so that wet line does not stick —the best pattern made.

German silver mounted. All sizes, each..... $1.00

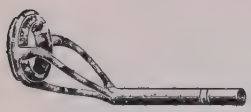
REGULAR AGATE CASTING (Half Size.)



No. 1 No. 2 No. 3 No. 4 No. 5 No. 6

All sizes, each..... $0.60

NEW MODEL AGATE TIP TOPS.



Narrow agates, with band set in groove. The frame or "basket" is canted and set at an angle away from the rod, so that the line never touches the rod—the guards at the side also prevent its catching around the tip.

No. 1, small. No. 2, medium. No. 3, large. German silver. All sizes, each..... $1.00

HEAVY AGATE ANGLE TOPS.

For trolling and surf-casting rods. Mounted same as above but extra strong. Agates polished inside and out.
Each, $1.50.

HEAVY AGATE FLY TOPS.

No. 2/0 No. 0 No. 1 No. 2

German silver. Nos. 2/0, 0, 1, 2, 3, 4, and 5 each..... $0.70

LIGHT AGATE FLY TOPS.

German silver. Polished agates.
Each, 90 cents.

GERMAN SILVER TRUMPET GUIDES.

Best Quality.

Rolled Edge No. 6 (smallest), 5, 4, 3, 2, 1, 0. Per dozen..... $0.70
Bell-Mouth (one piece), 5, 4, 3, 2, 1, 0. Per dozen..... 1.75

German Silver Three-Ring Bait Tips

No. 6 (smallest), 5, 4, 3, 2, 1.....Each, $0.05

German Silver Fly Ring Tips

Regular Grade No. 6 (smallest), 5, 4, 3, 2, 1. Per dozen..... $0.15
Extra Grade No. 6 (smallest), 5, 4, 3, 2, 1. Each..... .10

English Snake Guides

Finest Bronzed Steel.

Number	3/0, 2/0, 1/0,	1, 2, 3	4	5	6	7	8
Per dozen	18c.	20c.	25c.	30c.	35c.	40c.	45c.

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